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(d) MCO 1553.3B
(e) MCO 3400.3G
(f) MCO 3500.27B W/Erratum
(g) MCO 5100.29B
(h) MCRP 3-0A
(i) MCRP 3-0B
(j) MCO 1553.2B

Encl: (1) Log T&R Manual

1. Purpose. Per reference (a), this training and readiness (T&R) manual, contained in enclosure (1), establishes training standards, regulations, and policies regarding the training of Marines in the Logistics occupational field.

2. Cancellation. NAVMC 3500.27B

3. Scope

a. The core capability mission-essential task list in this manual is used in Defense Readiness Reporting System (DRRS) for assessment and reporting of unit readiness per references (b) and (c). Units achieve training readiness for reporting in DRRS by gaining and sustaining proficiency in the training events in this manual at both the collective (unit) and individual levels.

b. Per reference (d), commanders will conduct an internal assessment of the unit's ability to execute its mission and develop long-, mid-, and short-range training plans to sustain proficiency and correct deficiencies. Training plans will incorporate these events to standardize training and provide objective assessment of progress toward attaining combat readiness. Commanders will keep records at the unit and individual levels to record training achievements, identify training gaps and document objective assessments of readiness associated with training Marines. Commanders will use reference (e) to incorporate chemical, biological, radiological, and nuclear (CBRN) defense training into training plans and references (f) and (g) to integrate operational risk management.

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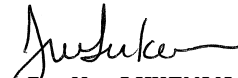
References (h) through (j) provide amplifying information for effective planning and management of training within the unit.

c. Formal school and training detachment commanders will use references (a) and (j) to ensure programs of instruction meet skill training requirements established in this manual and provides skills-progression training in the events designated for initial training in the formal school environment.

4. Information. Commanding General (CG), Training and Education Command (TECOM) will update this T&R manual as necessary to provide current and relevant training standards to commanders. All questions pertaining to the Marine Corps Ground T&R Program and unit training management should be directed to: CG, TECOM, Marine Air Ground Task Force Training and Education Standards Division (C 466), 1019 Elliot Road, Quantico, Virginia 22134.

5. Command. This manual is applicable to the Marine Corps Total Force.

6. Certification. Reviewed and approved this date.


J. W. LUKEMAN
By direction

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CHAPTER 1

OVERVIEW

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CHAPTER 1

OVERVIEW

1000. INTRODUCTION

1. The T&R program is the Corps' primary tool for planning, conducting and evaluating training and assessing training readiness. The T&R manual is designed for use by unit commanders to determine performance requirements in preparation for training; for unit leaders to develop and execute training and to assess individual and unit proficiency; and for formal learning centers (FLC) and training detachments to create courses of instruction.

2. This T&R manual is built around the Marine Corps tasks (MCTs) that are supported by the Logistics occupational field. All events contained in this manual relate directly to these MCTs. Linkage of T&R events to the MCTL enables objective assessment of training readiness in the Defense Readiness Reporting System (DRRS) in accordance with references (METL) and (DRRS).

3. The T&R manual contains the individual and collective training requirements to prepare units to accomplish their mission. The T&R manual identifies the minimum standards that Marines must be able to perform in a combat environment. Using this tool, leaders can construct and execute an effective training plan that supports the unit's MCTs and the mission-essential task list (METL). The Ground T&R Program helps to ensure that training remains focused on mission accomplishment and that training readiness reported is tied to the unit's METL. More detailed information on the Marine Corps Ground T&R Program is found in reference (a).

1001. UNIT TRAINING

1. The training of Marines to perform as an integrated unit in combat lies at the heart of the T&R program; unit and individual readiness are directly related. Individual training and the mastery of individual core skills serve as the building blocks for unit combat readiness.

2. Commanders at all levels will ensure that all training is focused on achieving proficiency in the unit METL. The T&R manual is a tool to help develop the unit's training plan based on the unit METL.

1002. UNIT TRAINING MANAGEMENT

1. Effective Unit Training Management (UTM) focuses the overall organization on development of training plans based on the unit METL and standards-based community T&R events. This is accomplished in a manner that maximizes training results and focuses the training priorities of the unit in preparation for the conduct of its mission.

2. UTM techniques, described in references (b) and (e), provide commanders with the requisite tools and techniques to analyze, design, develop, implement, and evaluate the training of their unit. To maintain an efficient and effective training program, leaders at every level must understand and implement UTM. Guidance for UTM and the process for establishing effective programs are contained in references (b), (e) and (f).

1003. SUSTAINMENT AND EVALUATION OF TRAINING

1. Marines are expected to maintain proficiency in the training events for their MOS at the appropriate grade and billet to which assigned. Leaders are responsible for recording the training achievements of their Marines. Whether it involves individual or collective training events, they must ensure proficiency is sustained by requiring retraining of each event at or before expiration of the designated sustainment interval.

2. The evaluation of training is necessary to properly prepare Marines for combat. Evaluations are either formal or informal, and performed by members of the unit (internal evaluation) or from an external command (external evaluation). The purpose of formal and informal evaluation is to provide commanders with a process to determine a unit's/Marine's proficiency in the tasks that must be performed in combat. Informal evaluations are conducted during every training evolution. Formal evaluations are often scenario-based, focused on the unit's METs, based on collective training standards, and usually conducted during higher-level collective training events.

3. Evaluation is a continuous process that is integral to training management and is conducted by leaders at every level and during all phases of planning and the conduct of training. To ensure training is efficient and effective, evaluation is an integral part of the training plan. Ultimately, leaders remain responsible for determining if the training was effective. References (a) and (f) provide further guidance on the conduct of informal and formal evaluations using the Marine Corps Ground T&R Program.

1004. ORGANIZATION. The Logistics T&R Manual is comprised of 15 chapters and 2 appendices. Chapter 1 is an overview of the Ground T&R Program. Chapter 2 lists the core METs/Marine Corps tasks supported by the Logistics occupational field, which are used as part of the DRRS. Chapter 3 contains collective events. Chapters 4 through 15 contain individual events specific to a particular MOS and/or billet, as noted. Appendix A contains acronyms; Appendix B contains terms and definitions.

1005. T&R EVENT COMPOSITION

1. An example of a collective T&R event is provided in figure 1-1 and an example of an individual T&R event is provided in figure 1-2. Events shown in figures are for illustrative purposes only and are not actual T&R events.

XXXX-XXXX-####: Provide interior guard.	
SUPPORTED MET(S): MCT #.#.#	
EVALUATION CODED: YES/NO	SUSTAINMENT INTERVAL: 12 months
DESCRIPTION: Text	
CONDITION: Text	
STANDARD: Text	
EVENT COMPONENTS: 1. Event component. 2. Event component. 3. Event component. 4. Event component.	
PREREQUISITE EVENTS: XXXX-XXXX-#### XXXX-XXXX-####	
CHAINED EVENTS: XXXX-XXXX-#### XXXX-XXXX-####	
RELATED EVENTS: XXXX-XXXX-#### XXXX-XXXX-####	
REFERENCES: 1. Reference 2. Reference 3. Reference	
SUPPORT REQUIREMENTS: EQUIPMENT: XXX	
MISCELLANEOUS: XXX	
ADMINISTRATIVE INSTRUCTIONS: XXX	

Figure 1-1: Example of a Collective T&R Event

XXXX-XXXX-####: Stand a sentry post.	
EVALUATION CODED: NO	SUSTAINMENT INTERVAL: 12 months
DESCRIPTION: Text	
MOS PERFORMING: ####, ####	
GRADES: XXX, XXX	
INITIAL TRAINING SETTING: XXX	
CONDITION: Text	
STANDARD: Text	
PERFORMANCE STEPS: 1. Event component. 2. Event component. 3. Event component.	
PREREQUISITE EVENTS: XXXX-XXXX-#### XXXX-XXXX-####	
RELATED EVENTS: XXXX-XXXX-#### XXXX-XXXX-####	
REFERENCES: 1. Reference 2. Reference 3. Reference	
SUPPORT REQUIREMENTS: EQUIPMENT: XXX	
MISCELLANEOUS: XXX	
ADMINISTRATIVE INSTRUCTIONS: XXX	

Figure 1-2: Example of an Individual T&R Event

2. Event Code. The event code consists of three sets of characters as shown in figure 1-3:

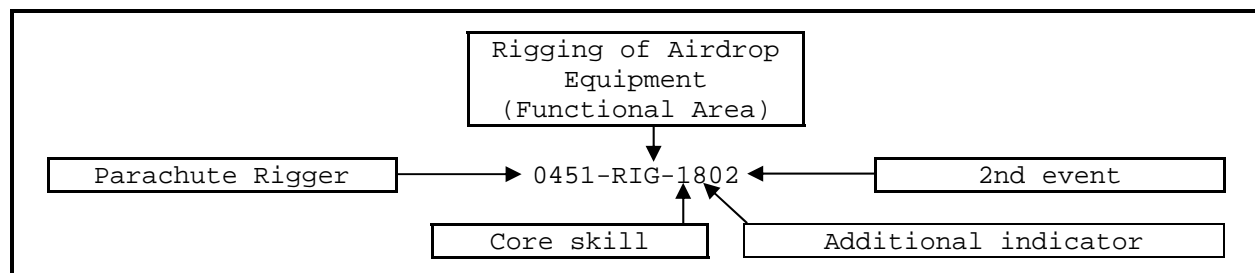


Figure 1-3: T&R Event Coding

a. The first set of characters indicates the main MOS or community (e.g., 0321, 1812, or INTL) that performs the event.

b. The second set of characters indicates functional or duty area (e.g., DEF, FSPT, MVMT, etc.). Categorizing events with the use of a recognizable code makes the type of skill or capability being referenced fairly obvious.

c. The third set of characters is broken down further into the event level, additional indicator (if applicable), and sequence.

(1) Event levels. The character in the thousands digit indicates the level and defines whether the event is performed by an individual (1000- and 2000-level) or by a collective unit, with the relative size of the unit performing the event indicated by the number (3000- through 9000-level). Note that the titles for the various echelons are examples only and are not exclusive. Some collective events levels may not apply to all T&R manuals. Event levels are shown in figure 1-4.

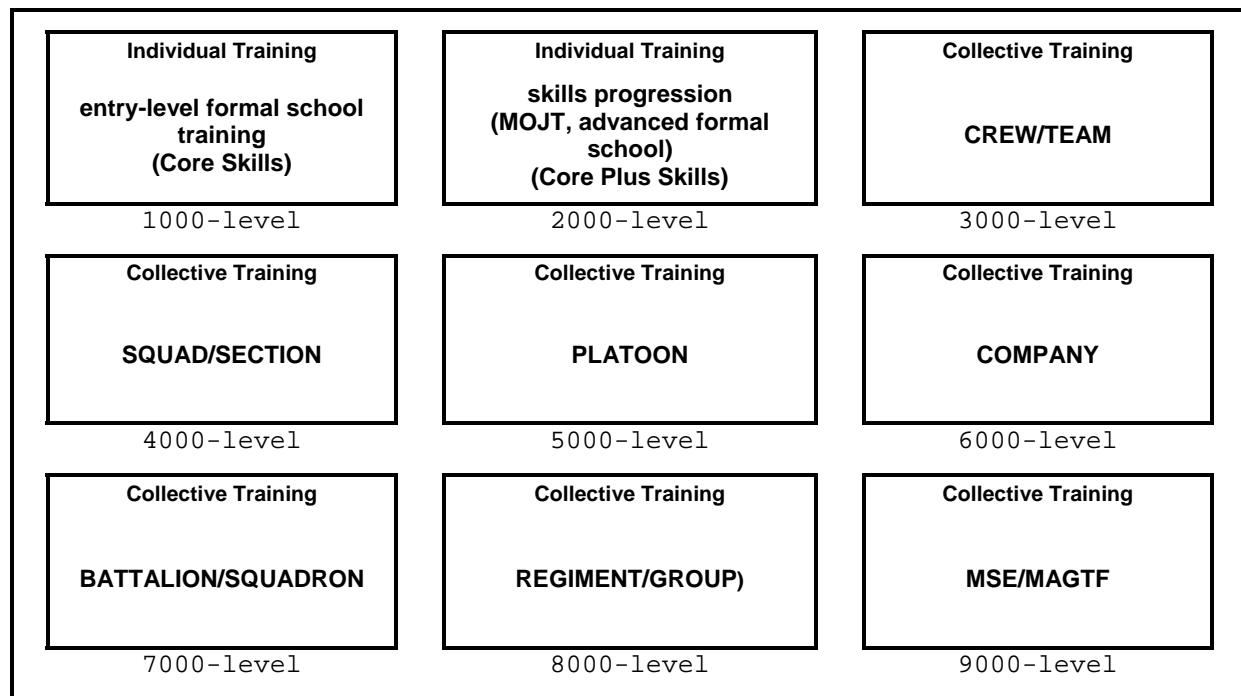


Figure 1-4: T&R Event Levels

(2) Additional indicator. The usage of a number used in the hundreds digit varies. When used in a T&R manual, the additional indicator methodology will be described in the relevant chapter(s).

(3) Sequence. The last two numbers indicate the sequence of the event. All events with the same MOS/community, functional area, and level codes will be grouped together.

3. Title. The name of the event. The event title contains one action verb and ideally, one object noun.

4. Evaluation Coded. A "Yes" indicates that a collective event is something that the Marine Corps has determined that a unit must be able to perform in order or that unit to be considered fully ready for operations. These

evaluation-coded (E-coded) events represent the basic level of readiness for a unit. E-coded events are derived from the training measures of effectiveness for the METs assessed as a percentage of the successfully completed and current (within sustainment interval) E-coded events. Most E-coded events will be for battalion-sized units and higher since those are the units that report in DRRS. However, if the Marine Corps has determined that the readiness of a lower echelon unit is vital to the accomplishment of the supported unit's MET, then that lower echelon collective event may also be E-coded. Other collective events and all individual events will have a "No" to indicate that they are not evaluation-coded.

5. Supported MCT(s). List all MCTs that are supported by the collective training event, even if those events are not listed as a measure of effectiveness (MOE) in a MET.

6. Sustainment Interval. This is the period, expressed as a number of months, between demonstration of performance mastery and the requirement for retraining if mastery is not demonstrated during that period.

7. Billet/MOS. These fields designate who is responsible for performing the event. When formal training is associated with event, individuals in the associated billet(s)/MOS(s)

8. Grade. This field indicates the rank at which Marines are required to perform the event.

9. Description. This field allows an explanation of the event purpose, objectives, goals, and requirements. It is a general description of an action requiring learned skills and knowledge (i.e., engage fixed target with crew-served weapons). Event descriptions are required for collective events, but optional for individual events.

10. Condition. Condition refers to the environment in which the task must be performed. It must also identify the limitations that may affect event performance in a real-world environment. It indicates what is provided (equipment, tools, materials, manuals, aids, etc.), environmental factors or conditions under which the task is to be performed, and any specific cues or indicators to which the performer must respond. Commanders can modify the conditions of the event to best prepare Marines to accomplish the assigned mission (e.g., in a desert environment; in a mountain environment; etc.). When resources or safety requirements limit the conditions, this should be stated. The content of the condition should be included in the event on a "by exception" basis. If there exists an assumption regarding the conditions under which all or most of the events in the manual will be performed, then only those additional or exceptional items required should be listed in the condition. The common conditions under which all the events in a chapter will be executed will be listed as a separate paragraph at the beginning of the chapter.

11. Standard. The performance standard indicates the basis for judging the effectiveness of the performance. It identifies the proficiency level expected when the task is performed. The standard provides the minimum acceptable performance parameters. The standard for collective events will likely be general, describing the desired end-state or purpose of the event.

The standard for individual events will be objective, quantifiable, and readily observable. Standards will more specifically describe the proficiency level, specified in terms of accuracy, completeness, time required, and sequencing to which the event is to be accomplished.

12. Event Components/Performance Steps. This is a list of the actions that the event is composed of, or a list of subordinate T&R event descriptions. These help the user determine what must be accomplished and to properly plan for the event. Event components are used for collective events; performance steps are used for individual events.

a. The event components and performance steps will be employed as the basis for performance evaluation check lists by the operating forces.

b. Event components may be either lower level collective events or individual events, indicating aspects of the event that are performed by the entire unit and individuals within the unit. Event components will correspond with the task titles of the related events, allowing for chaining of the events (see below).

13. Prerequisite Events. Prerequisites are academic training or other T&R events that must be completed prior to attempting the event. They are lower-level events that give the individual/unit the skills required to accomplish the event. They can also be planning steps, administrative requirements, or specific parameters that build toward mission accomplishment.

14. Chained Events. Collective T&R events are supported by lower-level collective and individual T&R events. This enables unit leaders to effectively identify subordinate T&R events that ultimately support specific Marine Corps tasks. When the accomplishment of any upper-level events, by their nature, result in the performance of certain subordinate events, the events are "chained." The completion of higher level events will update sustainment interval credit (and CRP for E-coded events) for the subordinate level chained events.

15. Related ITEs. A list of all of the individual training events (1000-2000-level events) that directly support the accomplishment of another event of the same level.

16. Initial Training Setting. All individual events will designate the setting at which the skill is first taught, either through formal training (Formal), managed on the job training (MOJT), or distance learning (DL). Formal training is conducted at an FLC. MOJT occurs within the operating forces and is the responsibility of leaders. DL products include correspondence courses and training conducted via computer applications.

17. References. The training references assist the trainee in satisfying the performance standards, or the trainer in evaluating the effectiveness of task completion. T&R manuals are designed to be a training outline, not to replicate or replace doctrinal publications, reference publications or technical references. References are key to developing detailed lesson plans, determining grading criteria, and ensuring standardization of training. The references listing for each event is representative of those that are most commonly used and are not encyclopedic.

18. Distance Learning Products (DL). Distance learning products include: individual multimedia instruction (IMI), computer-based training (CBT), Marine Corps Institute (MCI), etc. This notation is included when the event can be taught via one of these media vice attending a formal course of instruction or receiving MOJT.

19. Support Requirements. This is a list of the external and internal support the unit and Marines will need to complete the event. This is a key section in the overall T&R effort, as resources will eventually be tied directly to the training and future efforts to attain and allocate resources will be based on the requirements outlined in the T&R manual. The list includes, but is not limited to:

- Range(s)/Training Area
- Ordnance
- Equipment
- Materials
- Other Units/Personnel

Where applicable, the ordnance requirements for one year of training for the events in the T&R manual will be aggregated into a table contained in an appendix to the T&R.

(20) Suitability of Modeling and Simulation for Sustainment. If the occupational advocate determines that an event can be trained to standard by use of modeling or simulation, this will be noted in the event title in a parenthetical remark. Figure 1-5 contains all acceptable codes for inclusion in this parenthetical remark. The specific modeling or simulation that is acceptable for optional or required training will be noted in the description block and in miscellaneous block. Modeling and simulation, per reference (n) is defined as: The use of models, including emulators, prototypes, simulators, and stimulators, either statically or over time, to develop data as a basis for making managerial or technical decisions. For events that have simulation as an optional choice, the specific portions of the event that may be trained by the identified simulator should be noted as well.

Code	Requirement
P	Event performed in platform only
L	Event able to be performed to standard only live environment
S	Event performed only with simulator
P/S	Event performed in platform preferred/simulator optional
S/P	Event performed in simulator preferred/platform optional
L/S	Event performed live preferred/simulator optional
S/L	Event performed in simulator preferred/live optional

Figure 1-5: Acceptable Codes

(a) Simulation should be used in lieu of live training (particularly when resources to support the event are constrained); or at the commander's discretion, used as a precursor to live training in order to help maximize and enhance the live training event.

(b) This task can be supported by self-paced, CBT (e.g., MarineNet).

(c) Modeling and Simulation Terms (terms are refined from reference (1) as necessary):

1. Simulation - Any actions that will be performed to achieve effects on a notional enemy and/or actions undertaken that assume the presence of an enemy.

2. Simulator - Any device external to or in place of the materials or conditions identified in the condition statement of a T&R event to assist in simulating the presence of the enemy.

3. Combat - Marines conducting actions with actual table of equipment; actual higher, adjacent and subordinate forces; and live ammunition against live, hostile opponents.

4. Live - Marines conducting actions with actual table of equipment; actual higher, adjacent and subordinate forces; and live ammunition against notional opponents. Implies integration between the various echelons.

5. Live/Constructive - Marines conducting actions with actual table of equipment; actual or notional higher, adjacent and subordinate forces; and without live ammunition against notional opponents. If there are integrations between the various echelons, this is an integrated live/constructive environment.

6. Constructive - Marines conducting actions with approximations of table of equipment; actual or notional higher, adjacent and subordinate forces; and without live ammunition against notional opponents. If there are integrations between the various echelons, this is an integrated constructive environment.

7. Virtual - Marines conducting actions with approximations of table of equipment; notional higher, adjacent and subordinate forces; and without live ammunition against notional opponents.

8. Distance Learning - Any instruction and evaluation delivered to the student electronically or via mail.

21. Miscellaneous

a. This field provides space for any additional information that will assist in the planning and execution of the event. Units and FLCS are cautioned not to disregard this information or to consider the information of lesser importance than what is contained in other parts of the T&R event. Miscellaneous fields provide an opportunity for the drafters of the T&R event to communicate vital information that might not fit neatly into any other available field. The list may include, but is not limited to:

- Admin Instructions
- Special Personnel Certifications
- Equipment Operating Hours
- Road Miles

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CHAPTER 2

MISSION-ESSENTIAL TASKS

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CHAPTER 2

MISSION-ESSENTIAL TASKS

2000. CORE MISSION-ESSENTIAL TASKS (MET). The MET tables list the standardized core METs for various units supported by the Logistics community.

2001. MLG CORE LOGISTICS METS

MARINE CORPS TASK (MCT)	DESCRIPTION
MCT 4.2.2	Conduct Ground Equipment Maintenance
MCT 4.3	Conduct Transportation Operations
MCT 4.6.1	Provide Logistics Combat Element (LCE) Support Services

2002. MLG HQTRS CORE LOGISTICS METS

MCT	DESCRIPTION
MCT 4.11	Plan and Direct Logistics Operations

2003. CLR (DS) CORE LOGISTICS METS

MCT	DESCRIPTION
MCT 4.3.2	Conduct Port & Terminal Support
MCT 4.3.6	Conduct Material Handling Operations

2004. CLR (GS) CORE LOGISTICS METS

MCT	DESCRIPTION
MCT 4.2.2	Conduct Ground Equipment Maintenance
MCT 4.3.6	Conduct Material Handling Operations

2005. CLR (Fwd) CORE LOGISTICS METS

MCT	DESCRIPTION
MCT 4.3.9	Conduct Landing Support Operations

2006. CLB (DS) CORE LOGISTICS METS

MCT	DESCRIPTION
MCT 4.3.6	Conduct Material Handling Operations

2007. CLG (GS) CORE LOGISTICS METS

MCT	DESCRIPTION
MCT 4.3.6	Conduct Material Handling Operations

2008. MAINT BN CORE LOGISTICS METS

MCT	DESCRIPTION
MCT 4.2.1.2	Conduct Intermediate Maintenance

2009. MEB (STANDING) CORE LOGISTICS METS

MCT	DESCRIPTION
MCT 4.2.1.2	Conduct Intermediate Maintenance
MCT 4.2.2.8	Conduct Recovery & Evacuation Operations

2010. MEB (MEF Assigned MSN) CORE LOGISTICS METS

MCT	DESCRIPTION
MCT 1.12.3	Conduct Prepositioning Operations

2011. MEB LCE CORE LOGISTICS METS

MCT	DESCRIPTION
MCT 4.2.2	Conduct Ground Equipment Maintenance
MCT 4.3	Conduct Transportation Operations
MCT 4.6.1	Provide Logistics Combat Element (LCE) Support Services

2012. MEU CLB CORE LOGISTICS METS

MCT	DESCRIPTION
MCT 4.2.2	Conduct Ground Equipment Maintenance

MCT 4.3	Conduct Transportation Operations
MCT 4.6.1	Provide Logistics Combat Element (LCE) Support Services

2013. PERSONNEL RECOVERY CORE LOGISTICS METS

MCT	DESCRIPTION
MCT 4.6.5.1	Provide Personnel Retrieval and Processing (PRP) Collection Point Operations
MCT 4.6.5.2	Provide Personnel Retrieval and Processing (PRP) Search and Recovery Operations
MCT 4.6.5.3	Provide Interment/Disinterment Operations
MCT 4.6.5.4	Provide Fatality Mass Casualty Operations
MCT 4.6.5.5	Provide Logistical Support for PRP Operations
MCT 4.6.5.6	Provide Temporary Theater level Mortuary Affairs Support Operations

2014. MCICOM CORE LOGISTICS METS

MCT	DESCRIPTION
MCT 4.3	Conduct Transportation Operations
MCT 4.6	Provide Services (Nonmateriel and Support Activities)

2015. MCI REGIONAL COMMAND CORE LOGISTICS METS

MCT	DESCRIPTION
MCT 4.3	Conduct Transportation Operations
MCT 4.6	Provide Services (Nonmateriel and Support Activities)

2016. MCIWEST CORE LOGISTICS METS

MCT	DESCRIPTION
MCT 4.3	Conduct Transportation Operations
MCT 4.6	Provide Services (Nonmateriel and Support Activities)

2017. GROUND BASE CORE LOGISTICS METS

MCT	DESCRIPTION
MCT 4.3	Conduct Transportation Operations
MCT 4.6	Provide Services (Nonmateriel and Support Activities)

2018. MCLB CORE LOGISTICS METS

MCT	DESCRIPTION
MCT 4.3	Conduct Transportation Operations
MCT 4.6	Provide Services (Nonmateriel and Support Activities)

2019. SUPPORT FACILITY BLOUNT ISLAND CORE LOGISTICS METS

MCT	DESCRIPTION
MCT 4.3	Conduct Transportation Operations

2020. LOGISTICS MET-SUPPORTING E-CODED EVENTS. The Logistics MET-Supporting E-Coded Events table lists the E-coded collective T&R events that support the core METs identified in tables 2001-2019. These E-coded T&R events form the basis for unit readiness planning per reference (d), identifying subordinate collective and individual training events through the supporting/chained relationships described in each event.

T&R EVENT CODE/T&R EVENT TITLE

MCT 1.12.3 CONDUCT PREPOSITIONING OPERATIONS	
LOG-TRAN-8001	Conduct prepositioning operations
LOG-TRAN-7002	Conduct prepositioning operations
LOG-TRAN-6004	Conduct prepositioning operations
MCT 4.2.1.2 CONDUCT INTERMEDIATE MAINTENANCE	
LOG-MAIN-7001	Conduct ground equipment maintenance operations
LOG-MAIN-6001	Conduct ground equipment maintenance operations
LOG-MAIN-5001	Conduct ground equipment maintenance operations
LOG-MAIN-4001	Conduct ground equipment maintenance operations
LOG-MAIN-3001	Conduct ground equipment maintenance operations
MCT 4.2.2 CONDUCT GROUND EQUIPMENT MAINTENANCE	
LOG-MAIN-7001	Conduct ground equipment maintenance operations
LOG-MAIN-6001	Conduct ground equipment maintenance operations
LOG-MAIN-5001	Conduct ground equipment maintenance operations
LOG-MAIN-4001	Conduct ground equipment maintenance operations
LOG-MAIN-3001	Conduct ground equipment maintenance operations
MCT 4.2.2.8 CONDUCT RECOVERY & EVACUATION OPERATIONS	
LOG-MAIN-7001	Conduct ground equipment maintenance operations
LOG-MAIN-6001	Conduct ground equipment maintenance operations
LOG-MAIN-5001	Conduct ground equipment maintenance operations
LOG-MAIN-4001	Conduct ground equipment maintenance operations
LOG-MAIN-3001	Conduct ground equipment maintenance operations

MCT 4.3 CONDUCT TRANSPORTATION OPERATIONS	
LOG-TRAN-7001	Conduct transportation operations
LOG-TRAN-6001	Conduct transportation operations
LOG-TRAN-5001	Conduct transportation operations
LOG-TRAN-4001	Conduct transportation operations
LOG-TRAN-3001	Conduct transportation operations
MCT 4.3.2 CONDUCT PORT & TERMINAL SUPPORT	
LOG-TRAN-6003	Conduct port and terminal support
LOG-TRAN-5003	Conduct port and terminal support
LOG-TRAN-4004	Conduct port and terminal support
LOG-TRAN-3004	Conduct port and terminal support
MCT 4.3.6 CONDUCT MATERIAL HANDLING OPERATIONS	
LOG-TRAN-5005	Conduct materials handling support operations
LOG-TRAN-4006	Conduct materials handling support operations
LOG-TRAN-3006	Conduct materials handling support operations
MCT 4.3.9 CONDUCT LANDING SUPPORT OPERATIONS	
LOG-TRAN-6002	Conduct landing support operations
LOG-TRAN-5002	Conduct landing support operations
LOG-TRAN-4003	Conduct landing support operations
LOG-TRAN-3003	Conduct landing support operations
MCT 4.6 PROVIDE SERVICES (NONMATERIEL AND SUPPORT ACTIVITIES)	
LOG-SVC-6001	Provide services support
LOG-SVC-5001	Provide services support
LOG-SVC-4001	Provide services support
LOG-SVC-3001	Provide services support
MCT 4.6.1 PROVIDE LOGISTICS COMBAT ELEMENT (LCE) SUPPORT SERVICES	
LOG-SVC-6001	Provide services support
LOG-SVC-5001	Provide services support
LOG-SVC-4001	Provide services support
LOG-SVC-3001	Provide services support
MCT 4.6.5.1 PROVIDE PERSONNEL RETRIEVAL AND PROCESSING (PRP) COLLECTION POINT OPERATIONS	
LOG-SVC-5002	Provide personnel retrieval
MCT 4.6.5.2 PROVIDE PERSONNEL RETRIEVAL AND PROCESSING (PRP) SEARCH AND RECOVERY OPERATIONS	
LOG-SVC-4003	Provide personnel retrieval and processing (PRP) search and recovery operations
MCT 4.6.5.3 PROVIDE INTERMENT/DISINTERMENT OPERATIONS	
LOG-SVC-4004	Provide interment/disinterment operations
MCT 4.6.5.4 PROVIDE FATALITY/MASS CASUALTY OPERATIONS	
LOG-SVC-4005	Provide fatality/mass casualty operations

MCT 4.6.5.5 PROVIDE LOGISTICAL SUPPORT FOR PRP OPERATIONS	
LOG-SVC-4002	Provide personnel retrieval and processing (PRP) collection point operations
LOG-SVC-4003	Provide personnel retrieval and processing (PRP) search and recovery operations
MCT 4.6.5.6 PROVIDE TEMPORARY THEATER LEVEL MORTUARY AFFAIRS SUPPORT OPERATIONS	
LOG-SVC-4006	Provide temporary theater level mortuary affairs support operations
MCT 4.11 PLAN AND DIRECT LOGISTICS OPERATIONS	
LOG-C2-9001	Execute logistics operations command and control
LOG-C2-9002	Plan logistics operations
LOG-C2-8001	Execute logistics operations command and control
LOG-C2-8002	Plan logistics operations
LOG-C2-7001	Execute logistics operations command and control
LOG-C2-7002	Plan logistics operations
LOG-C2-6001	Plan logistics operations
LOG-OPS-9001	Conduct logistics operations
LOG-OPS-8001	Conduct logistics operations
LOG-OPS-7001	Conduct logistics operations
LOG-OPS-6001	Conduct logistics operations

LOG T&R MANUAL

CHAPTER 3

COLLECTIVE EVENTS

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LOG T&R MANUAL

CHAPTER 3

COLLECTIVE EVENTS

3000. PURPOSE. Chapter 3 contains collective training events for the Logistics community.

3001. EVENT CODING. Events in this T&R manual are depicted with an up to 12-character, 3-field alphanumeric system, i.e., XXXX-XXXX-XXXX. This chapter utilizes the following methodology:

a. Field one. This field represents the community. This chapter contains the following community codes:

<u>Code</u>	<u>Description</u>
LOG	Logistics

b. Field two. This field represents the functional/duty area. This chapter contains the following functional/duty areas:

<u>Code</u>	<u>Description</u>
C2	Command and Control
MAIN	Maintenance
OPS	Operations
SVC	Services
TRAN	Transportation

c. Field three. This field provides the level at which the event is accomplished and numerical sequencing of events. This chapter contains the following event levels:

<u>Code</u>	<u>Description</u>
9000	Brigade/Group Level
8000	Regiment Level
7000	Battalion/Squadron Level
6000	Company Level
5000	Platoon Level
4000	Squad/Section Level
3000	Team/Crew Level

3002. INDEX OF COLLECTIVE EVENTS

EVENT CODE	E-CODED	EVENT	PAGE
9000-LEVEL			
LOG-C2-9001	Y	Execute logistics operations command and control	3-5

LOG-C2-9002	Y	Plan logistics operations	3-5
LOG-C2-9003	Y	Plan the establishment of an LSA	3-6
LOG-C2-9004	Y	Conduct logistics staff operations	3-7
LOG-OPS-9001	Y	Conduct logistics operations	3-8
8000-LEVEL			
LOG-C2-8001	Y	Execute logistics operations command and control	3-9
LOG-C2-8002	Y	Plan logistics operations	3-10
LOG-C2-8003	Y	Plan the establishment of an LSA	3-11
LOG-C2-8004	Y	Conduct logistics staff operations	3-12
LOG-OPS-8001	Y	Conduct logistics operations	3-12
LOG-SVC-8001		Provide services support	3-13
LOG-TRAN-8001		Conduct prepositioning operations	3-14
7000-LEVEL			
LOG-C2-7001	Y	Execute logistics operations command and control	3-15
LOG-C2-7002	Y	Plan logistics operations	3-16
LOG-C2-7003	Y	Plan the establishment of an LSA	3-17
LOG-C2-7004	Y	Conduct logistics staff operations	3-17
LOG-MAIN-7001	Y	Conduct ground equipment maintenance operations	3-18
LOG-OPS-7001	Y	Conduct logistics operations	3-19
LOG-TRAN-7001	Y	Conduct transportation operations	3-20
LOG-TRAN-7002		Conduct prepositioning operations	3-21
6000-LEVEL			
LOG-C2-6001		Plan logistics operations	3-22
LOG-C2-6002		Plan the establishment of an LSA	3-23
LOG-MAIN-6001	Y	Conduct ground equipment maintenance operations	3-24
LOG-OPS-6001	Y	Conduct logistics operations	3-25
LOG-SVC-6001	Y	Provide services support	3-26
LOG-TRAN-6001	Y	Conduct transportation operations	3-27
LOG-TRAN-6002	Y	Conduct landing support operations	3-28
LOG-TRAN-6003	Y	Conduct port and terminal support	3-29
LOG-TRAN-6004		Conduct prepositioning operations	3-30
LOG-TRAN-6005		Conduct beach operations	3-31
5000-LEVEL			
LOG-MAIN-5001	Y	Conduct ground equipment maintenance operations	3-32
LOG-MAIN-5002	Y	Provide maintenance management	3-32
LOG-SVC-5001	Y	Provide services support	3-33
LOG-SVC-5002		Provide personnel recovery	3-34
LOG-TRAN-5001	Y	Conduct transportation operations	3-35
LOG-TRAN-5002	Y	Conduct landing support operations	3-36
LOG-TRAN-5003	Y	Conduct port and terminal support	3-37
LOG-TRAN-5004		Conduct air delivery operations	3-38
LOG-TRAN-5005	Y	Conduct materials handling support operations	3-39

LOG-TRAN-5006		Conduct A/DACG operations	3-39
LOG-TRAN-5007	Y	Conduct beach operations	3-40
LOG-TRAN-5008	Y	Conduct LFSP operations	3-41
LOG-TRAN-5009	Y	Conduct rail operations	3-42
LOG-TRAN-5010		Support air delivery operations	3-43
4000-LEVEL			
LOG-MAIN-4001	Y	Conduct ground equipment maintenance operations	3-44
LOG-MAIN-4002	Y	Provide maintenance management	3-45
LOG-OPS-4002	Y	Coordinate logistics support	3-46
LOG-SVC-4001	Y	Provide services support	3-47
LOG-SVC-4002		Provide personnel retrieval and processing (PRP) collection point operations	3-49
LOG-SVC-4003		Provide personnel retrieval and processing (PRP) search and recovery operations	3-49
LOG-SVC-4004		Provide interment/disinterment operations	3-50
LOG-SVC-4005		Provide fatality/mass casualty operations	3-51
LOG-SVC-4006		Provide temporary theater level mortuary affairs support operations	3-52
LOG-TRAN-4001	Y	Conduct transportation operations	3-53
LOG-TRAN-4002	Y	Conduct embarkation support	3-54
LOG-TRAN-4003	Y	Conduct landing support operations	3-54
LOG-TRAN-4004	Y	Conduct port and terminal support	3-55
LOG-TRAN-4005		Conduct air delivery operations	3-56
LOG-TRAN-4006	Y	Conduct materials handling support operations	3-57
LOG-TRAN-4007		Support air delivery operations	3-58
LOG-TRAN-4008		Conduct beach operations	3-59
3000-LEVEL			
LOG-MAIN-3001	Y	Conduct ground equipment maintenance operations	3-60
LOG-MAIN-3003	Y	Provide maintenance management	3-61
LOG-MAIN-3004	Y	Provide maintenance information system coordination	3-62
LOG-SVC-3001	Y	Provide services support	3-62
LOG-TRAN-3001	Y	Conduct transportation operations	3-63
LOG-TRAN-3002	Y	Conduct embarkation support	3-64
LOG-TRAN-3003	Y	Conduct landing support operations	3-65
LOG-TRAN-3004	Y	Conduct port and terminal support	3-66
LOG-TRAN-3005		Conduct air delivery operations	3-67
LOG-TRAN-3006	Y	Conduct materials handling support operations	3-68
LOG-TRAN-3007	Y	Conduct HST operations	3-68
LOG-TRAN-3008	Y	Perform ALE functions	3-69
LOG-TRAN-3009	Y	Perform SLE functions	3-70
LOG-TRAN-3010		Conduct beach operations	3-71
LOG-TRAN-3011		Receive airdropped material	3-72
LOG-TRAN-3012		Coordinate air delivery operations	3-72
LOG-TRAN-3013		Support air delivery operations	3-73

LOG-TRAN-3014		Provide airlift support to air delivery operations	3-74
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3003. 9000-LEVEL EVENTS

LOG-C2-9001: Execute logistics operations command and control

SUPPORTED MET(S): MCT 4.11

EVALUATION CODED: YES

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: Command and control for tactical-level logistics is focused on monitoring, directing, and executing logistic operations in support of tactical operations. Tactical logisticians establish and maintain communications links to higher, adjacent, and supporting and/or supported commands to ensure MAGTF elements can pass logistic information.

CONDITION: Given a mission, personnel, and equipment.

STANDARD: Supporting logistics operations requirements in accordance with MCWP 4-11 Tactical-Level Logistics.

EVENT COMPONENTS:

1. Assess the execution of operations.
2. Integrate the functions of logistics with the warfighting functions.
3. Implement expeditionary logistics support plans.
4. Coordinate unit FDP&E
5. Support MAGTF expeditionary operations.
6. Support amphibious operations.
7. Support MPF operations.

CHAINED EVENTS:

LOG-ELI-2504	LOG-ELI-2510	LOG-ELI-2520
LOG-ELI-2507	LOG-ELI-2511	LOG-ELI-2521
LOG-ELI-2508	LOG-ELI-2515	LOG-ELI-2522
LOG-ELI-2509	LOG-ELI-2519	

REFERENCES:

1. DCOSOP Digital COC SOP for Battalion Operations in Irregular Warfare
2. MCDP 1-0 Marine Corps Operations
3. MCDP 2 Intelligence
4. MCDP 3 Expeditionary Operations
5. MCDP 4 Logistics
6. MCDP 6 Command and Control
7. MCWP 4-1 Logistics Operations
8. MCWP 4-11 Tactical-Level Logistics
9. MCWP 6-2 MAGTF Command and Control Operations

LOG-C2-9002: Plan logistics operations

SUPPORTED MET(S): MCT 4.11

EVALUATION CODED: YES

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: The following basic concepts govern the planning of tactical logistics. Logistic planning should be concurrent with operations planning. Combat and combat support units should exploit their organic logistic capabilities before requesting assistance from combat service support sources. The impetus of logistics is from the rear, directly to the using unit. The logistic system must be responsive, effective, and efficient.

CONDITION: Given a requirement, personnel, and equipment.

STANDARD: Integrating with operation plans, incorporating flexibility and simplicity, and in accordance with MCWP 5-1 Marine Corps Planning Process (MCP).

EVENT COMPONENTS:

1. Lead logistics planning.
2. Integrate ground supply planning.
3. Integrate ground equipment maintenance planning.
4. Integrate transportation planning.
5. Integrate general engineering planning.
6. Integrate health services planning.
7. Integrate services planning.
8. Integrate JIIM considerations, as required.
9. Integrate the functions of logistics with the warfighting functions.
10. Plan the establishment of an LSA, as required.

CHAINED EVENTS:

LOG-C2-9003	0402-C2-1005	0402-C2-2003
LOG-ELI-2505	0402-C2-1006	0402-C2-2004
LOG-ELI-2516	0402-C2-1007	0402-C2-2005
0402-C2-1003	0402-C2-1008	0402-C2-2006
0402-C2-1004	0402-C2-2002	0402-C2-2007

REFERENCES:

1. CJCSM 3122.03_ Joint Operation Planning and Execution System (JOPES)
Volume II: Planning Formats and Guidance
2. JP 3-0 Joint Operations
3. JP 4-0 Joint Logistics
4. MCDP 1 Warfighting
5. MCDP 1-0 Marine Corps Operations
6. MCWP 3-41.1 Rear Area Operations
7. MCWP 4-1 Logistics Operations
8. MCWP 4-11 Tactical-Level Logistics
9. MCWP 4-12 Operational-Level Logistics
10. MCWP 5-1 Marine Corps Planning Process
11. MSTP PAM 4-0.2 A Logistics Planner's Guide
12. MSTP PAM 5-0.3 MAGTF Planner's Reference Manual
13. MSTP PAM 5-0.2 Operational Team Planning Guide

LOG-C2-9003: Plan the establishment of an LSA

SUPPORTED MET(S): MCT 4.11

EVALUATION CODED: YES

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: An LSA is an area ashore that is organized to contain the necessary supplies, equipment, installations, and elements to provide the landing force with combat service support throughout the operation. LSAs operate in accordance with the OPORD. Because they are primary targets, defense is an integral element of planning.

CONDITION: Given a mission, personnel, and equipment.

STANDARD: Supporting logistics operations requirements in accordance with MCWP 4-11 Tactical-Level Logistics.

EVENT COMPONENTS:

1. Determine LSA planning considerations.
2. Plan the management of supply.
3. Plan the management of maintenance.
4. Plan the management of transportation.
5. Plan the management of general engineering.
6. Plan the management of health services.
7. Plan the management of services.
8. Coordinate security plan/requirements.
9. Coordinate the employment of military police.
10. Plan the management of enemy prisoners of war.
11. Plan the management of enemy detainees.
12. Plan the management of displaced persons/refugees.
13. Coordinate the area damage control (ADC) effort.
14. Coordinate general engineering requirements.
15. Coordinate services.

REFERENCES:

1. MCWP 4-1 Logistics Operations
2. MCWP 4-11 Tactical-Level Logistics
3. MCWP 5-1 Marine Corps Planning Process (MCPPE)

LOG-C2-9004: Conduct logistics staff operations

SUPPORTED MET(S): MCT 4.11

EVALUATION CODED: YES

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: The logistics staff (J-4/G-4/S-4) develops logistic policy and coordinates overall logistics within the organization and between the organization and supported and/or supporting commands.

CONDITION: Given a mission, personnel, and equipment.

STANDARD: In accordance with MCWP 4-11 Tactical-Level Logistics.

EVENT COMPONENTS:

1. Direct the garrison functions of the operations section.
2. Manage URP.
3. Develop unit SOP and policies.
4. Assess the execution of training.
5. Integrate the functions of logistics with the warfighting functions.
6. Implement expeditionary logistics support plans.
7. Coordinate unit FDP&E.

CHAINED EVENTS:

LOG-ELI-2501	LOG-ELI-2507	LOG-ELI-2514
LOG-ELI-2502	LOG-ELI-2508	LOG-ELI-2515
LOG-ELI-2503	LOG-ELI-2512	LOG-ELI-2517
LOG-ELI-2504	LOG-ELI-2513	LOG-ELI-2519
LOG-ELI-2506		

REFERENCES:

1. Marine Corps Manual
2. MCDP 6 Command and Control
3. MCWP 3-40.1 MAGTF Command and Control
4. MCWP 4-1 Logistics Operations
5. MCWP 4-11 Tactical-Level Logistics

LOG-OPS-9001: Conduct logistics operations

SUPPORTED MET(S): MCT 4

EVALUATION CODED: YES

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: A group-/brigade-sized logistics unit with the mission and capabilities to support two or more of the functions of logistics at the tactical level. An advanced level of performance mastery includes the ability to integrate logistics operations with JIIM partners.

CONDITION: Given a mission, personnel, and equipment.

STANDARD: Meeting the MAGTF commander's intent in accordance with MCWP 4-11 Tactical-Level Logistics.

EVENT COMPONENTS:

1. Conduct logistics staff operations.
2. Plan logistics operations.
3. Establish a logistics support area.
4. Execute logistics operations C2.
5. Conduct ground supply operations.
6. Conduct ground equipment maintenance operations.
7. Conduct transportation operations.
8. Conduct general engineering operations.
9. Provide health services support.
10. Provide services support.
11. Coordinate subordinate logistics units, as applicable.

CHAINED EVENTS:

LOG-C2-9001	LOG-C2-9004	LOG-SVC-6001
LOG-C2-9002	LOG-MAIN-7001	LOG-TRAN-7001

REFERENCES:

1. MCWP 4-1 Logistics Operations
2. MCWP 4-11 Tactical-Level Logistics

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Logistics operations are executed by multiple occupational fields in addition to the 04 occupational field. In addition to the Logistics T&R Manual, refer to the following T&R manuals for the event components indicated:

NAVMC 3500.12_ Engineers & Utilities T&R Manual (8)
NAVMC 3500.64_ Ground Supply T&R Manual (5)
NAVMC 3500.84_ Health Services T&R Manual (9)
NAVMC 3500.89_ Ammunition Technician and Officer T&R Manual (5)

3004. 8000-LEVEL EVENTS

LOG-C2-8001: Execute logistics operations command and control

SUPPORTED MET(S): MCT 4.11

EVALUATION CODED: YES

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: Command and control for tactical-level logistics is focused on monitoring, directing, and executing logistic operations in support of tactical operations. Tactical logisticians establish and maintain communications links to higher, adjacent, and supporting and/or supported commands to ensure MAGTF elements can pass logistic information.

CONDITION: Given a mission, personnel, and equipment.

STANDARD: Supporting logistics operations requirements in accordance with MCWP 4-11 Tactical-Level Logistics.

EVENT COMPONENTS:

1. Assess the execution of operations.
2. Integrate the functions of logistics with the warfighting functions.
3. Implement expeditionary logistics support plans.
4. Coordinate unit FDP&E.
5. Support MAGTF expeditionary operations.
6. Support amphibious operations.
7. Support MPF operations.

CHAINED EVENTS:

LOG-ELI-2504	LOG-ELI-2510	LOG-ELI-2520
LOG-ELI-2507	LOG-ELI-2511	LOG-ELI-2521
LOG-ELI-2508	LOG-ELI-2515	LOG-ELI-2522
LOG-ELI-2509	LOG-ELI-2519	

REFERENCES:

1. DCOSOP Digital COC SOP for Battalion Operations in Irregular Warfare
 2. MCDP 1-0 Marine Corps Operations
 3. MCDP 2 Intelligence
 4. MCDP 3 Expeditionary Operations
 5. MCDP 4 Logistics
 6. MCDP 6 Command and Control
 7. MCWP 4-1 Logistics Operations
 8. MCWP 4-11 Tactical-Level Logistics
 9. MCWP 6-2 MAGTF Command and Control Operations
-

LOG-C2-8002: Plan logistics operations

SUPPORTED MET(S): MCT 4.11

EVALUATION CODED: YES

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: The following basic concepts govern the planning of tactical logistics. Logistic planning should be concurrent with operations planning. Combat and combat support units should exploit their organic logistic capabilities before requesting assistance from combat service support sources. The impetus of logistics is from the rear, directly to the using unit. The logistic system must be responsive, effective, and efficient.

CONDITION: Given a requirement, personnel, and equipment.

STANDARD: Integrating with operation plans, incorporating flexibility and simplicity, and in accordance with MCWP 5-1 Marine Corps Planning Process (MCPPE).

EVENT COMPONENTS:

1. Lead logistics planning.
2. Integrate ground supply planning.
3. Integrate ground equipment maintenance planning.
4. Integrate transportation planning.
5. Integrate general engineering planning.
6. Integrate health services planning.
7. Integrate services planning.
8. Integrate JIIM considerations, as required.
9. Integrate the functions of logistics with the warfighting functions.
10. Plan the establishment of an LSA, as required.

CHAINED EVENTS:

LOG-C2-8003	0402-C2-1005	0402-C2-2003
LOG-ELI-2505	0402-C2-1006	0402-C2-2004
LOG-ELI-2516	0402-C2-1007	0402-C2-2005
0402-C2-1003	0402-C2-1008	0402-C2-2006
0402-C2-1004	0402-C2-2002	0402-C2-2007

REFERENCES:

1. CJCSM 3122.03_ Joint Operation Planning and Execution System (JOPES)
Volume II: Planning Formats and Guidance

2. JP 3-0 Joint Operations
 3. JP 4-0 Joint Logistics
 4. MCDP 1 Warfighting
 5. MCDP 1-0 Marine Corps Operations
 6. MCWP 3-41.1 Rear Area Operations
 7. MCWP 4-1 Logistics Operations
 8. MCWP 4-11 Tactical-Level Logistics
 9. MCWP 4-12 Operational-Level Logistics
 10. MCWP 5-1 Marine Corps Planning Process
 11. MSTP PAM 4-0.2 A Logistics Planner's Guide
 12. MSTP PAM 5-0.2 Operational Team Planning Guide
 13. MSTP PAM 5-0.3 MAGTF Planner's Reference Manual
-

LOG-C2-8003: Plan the establishment of an LSA

SUPPORTED MET(S): MCT 4.11

EVALUATION CODED: YES

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: An LSA is an area ashore that is organized to contain the necessary supplies, equipment, installations, and elements to provide the landing force with combat service support throughout the operation. LSAs operate in accordance with the OPORD. Because they are primary targets, defense is an integral element of planning.

CONDITION: Given a mission, personnel, and equipment.

STANDARD: Supporting logistics operations requirements in accordance with MCWP 4-11 Tactical-Level Logistics.

EVENT COMPONENTS:

1. Determine LSA planning considerations.
2. Plan the management of supply.
3. Plan the management of maintenance.
4. Plan the management of transportation.
5. Plan the management of general engineering.
6. Plan the management of health services.
7. Plan the management of services.
8. Coordinate security plan/requirements.
9. Coordinate the employment of military police.
10. Plan the management of enemy prisoners of war.
11. Plan the management of enemy detainees.
12. Plan the management of displaced persons/refugees.
13. Coordinate the area damage control (ADC) effort.
14. Coordinate general engineering requirements.
15. Coordinate services.

REFERENCES:

1. MCWP 4-1 Logistics Operations
 2. MCWP 4-11 Tactical-Level Logistics
 3. MCWP 5-1 Marine Corps Planning Process (MCP)
-

LOG-C2-8004: Conduct logistics staff operations

SUPPORTED MET(S): MCT 4.11

EVALUATION CODED: YES

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: The logistics staff (J-4/G-4/S-4) develops logistic policy and coordinates overall logistics within the organization and between the organization and supported and/or supporting commands.

CONDITION: Given a mission, personnel, and equipment.

STANDARD: In accordance with MCWP 4-11 Tactical-Level Logistics.

EVENT COMPONENTS:

1. Direct the garrison functions of the operations section.
2. Manage URP.
3. Develop unit SOP and policies.
4. Assess the execution of training.
5. Integrate the functions of logistics with the warfighting functions.
6. Implement expeditionary logistics support plans.
7. Coordinate unit FDP&E.

CHAINED EVENTS:

LOG-ELI-2501	LOG-ELI-2507	LOG-ELI-2514
LOG-ELI-2502	LOG-ELI-2508	LOG-ELI-2515
LOG-ELI-2503	LOG-ELI-2512	LOG-ELI-2517
LOG-ELI-2504	LOG-ELI-2513	LOG-ELI-2519
LOG-ELI-2506		

REFERENCES:

1. Marine Corps Manual
2. MCDP 6 Command and Control
3. MCWP 3-40.1 MAGTF Command and Control
4. MCWP 4-1 Logistics Operations
5. MCWP 4-11 Tactical-Level Logistics

LOG-OPS-8001: Conduct logistics operations

SUPPORTED MET(S): MCT 4

EVALUATION CODED: YES

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: A regiment-sized logistics unit with the mission and capabilities to support two or more of the functions of logistics at the tactical level. If the logistics unit is fulfilling the role of the LCE, the "commander" refers to the MAGTF commander. An advanced level of performance mastery will include the ability to integrate logistics operations with JIIM partners.

CONDITION: Given a mission, personnel, and equipment.

STANDARD: Meeting the commander's intent in accordance with MCWP 4-11 Tactical-Level Logistics.

EVENT COMPONENTS:

1. Conduct logistics staff operations.
2. Plan logistics operations.
3. Establish a logistics support area.
4. Execute logistics operations C2.
5. Conduct ground supply operations.
6. Conduct ground equipment maintenance operations.
7. Conduct transportation operations.
8. Conduct general engineering operations.
9. Provide health services support.
10. Provide services support.
11. Coordinate subordinate logistics units, as applicable.

CHAINED EVENTS:

LOG-C2-8001	LOG-C2-8004	LOG-SVC-6001
LOG-C2-8002	LOG-MAIN-7001	LOG-TRAN-7001

REFERENCES:

1. MCWP 4-1 Logistics Operations
2. MCWP 4-11 Tactical-Level Logistics

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Logistics operations are executed by multiple occupational fields in addition to the 04 occupational field. In addition to the Logistics T&R Manual, refer to the following T&R manuals for the event components indicated:

NAVMC 3500.12_ Engineers & Utilities T&R Manual (8)
NAVMC 3500.64_ Ground Supply T&R Manual (5)
NAVMC 3500.84_ Health Services T&R Manual (9)
NAVMC 3500.89_ Ammunition Technician and Officer T&R Manual (5)

LOG-SVC-8001: Provide services support

SUPPORTED MET(S):

MCT 4.6 MCT 4.6.1

EVALUATION CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: Applies to base, post, and station units. The services function provides for the effective administration, management, and employment of military organizations. Services subfunctions are essentially administrative in nature. These are categorized as either command services, which are services provided to Marines by their individual commands, or CSS services, which are services provided by a CSS unit.

CONDITION: Given a requirement, personnel, and equipment.

STANDARD: Providing command and combat service support services in accordance with MCWP 4-11.8 Services in an Expeditionary Environment.

EVENT COMPONENTS:

1. Provide Semper Fit program and facilities.
2. Provide Marine and Family services programs.
3. Support safety programs.
4. Provide life-long learning (LLL) programs.
5. Provide children, youth, and teen programs.
6. Provide deployment support recreational equipment.
7. Provide career management.
8. Provide dependent education.
9. Preserve heritage assets.
10. Provide veterinary medical services.
11. Provide community services.

REFERENCES:

1. MCWP 4-1 Logistics Operations
2. MCWP 4-11 Tactical-Level Logistics
3. MCWP 4-11.8 Services in an Expeditionary Environment

LOG-TRAN-8001: Conduct prepositioning operations

SUPPORTED MET(S):

MCT 1.2.6 MCT 1.12.3 MCT 4.3.8

EVALUATION CODED: NO **SUSTAINMENT INTERVAL:** 24 months

DESCRIPTION: Prepositioning operations include MPF, both ashore and afloat, as well as geographic prepositioned assets.

CONDITION: Given a requirement, personnel, and equipment.

STANDARD: Supporting MAGTF operations in accordance with MCWP 4-11 Tactical-Level Logistics.

EVENT COMPONENTS:

1. Close.
2. Assemble.
3. Employ.
4. Sustain.
5. Reconstitute.

CHAINED EVENTS:

LOG-TRAN-6001 LOG-ELI-2522 0402-C2-1001

REFERENCES:

1. CJCSI 4310.01_ Logistics Planning Guidance for Global Pre-Positioned Materiel Capabilities
2. JP 4-0 Joint Logistics
3. JP 4-09 Distribution Operations
4. MCDP 3 Expeditionary Operations

5. MCWP 3-31.5 Ship-to-Shore Movement
6. MCWP 3-31.7 Seabasing
7. MCWP 3-32 Maritime Prepositioning Operations
8. MCWP 4-1 Logistics Operations
9. MCWP 4-11 Tactical-Level Logistics
10. MCWP 4-11.3 Transportation Operations

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: In addition to the chained events listed above, capabilities from various MOSs are leveraged in the conduct of prepositioning operations. The relevant training events may depend upon the nature of the prepositioning operation (e.g., port, beach, afloat).

3005. 7000-LEVEL EVENTS

LOG-C2-7001: Execute logistics operations command and control

SUPPORTED MET(S): MCT 4.11

EVALUATION CODED: YES

SUSTAINMENT INTERVAL: 6 months

DESCRIPTION: Command and control for tactical-level logistics is focused on monitoring, directing, and executing logistic operations in support of tactical operations. Tactical logisticians establish and maintain communications links to higher, adjacent, and supporting and/or supported commands to ensure MAGTF elements can pass logistic information.

CONDITION: Given a mission, personnel, and equipment.

STANDARD: Supporting logistics operations requirements in accordance with MCWP 4-11 Tactical-Level Logistics.

EVENT COMPONENTS:

1. Assess the execution of operations.
2. Integrate the functions of logistics with the warfighting functions.
3. Implement expeditionary logistics support plans.
4. Coordinate unit FDP&E.
5. Support MAGTF expeditionary operations.
6. Support amphibious operations.
7. Support MPF operations.

CHAINED EVENTS:

LOG-ELI-2504	LOG-ELI-2510	LOG-ELI-2520
LOG-ELI-2507	LOG-ELI-2511	LOG-ELI-2521
LOG-ELI-2508	LOG-ELI-2515	LOG-ELI-2522
LOG-ELI-2509	LOG-ELI-2519	

REFERENCES:

1. DCOCSOP Digital COC SOP for Battalion Operations in Irregular Warfare
2. MCDP 1-0 Marine Corps Operations
3. MCDP 2 Intelligence

4. MCDP 3 Expeditionary Operations
 5. MCDP 4 Logistics
 6. MCDP 6 Command and Control
 7. MCWP 4-1 Logistics Operations
 8. MCWP 4-11 Tactical-Level Logistics
 9. MCWP 6-2 MAGTF Command and Control Operations
-

LOG-C2-7002: Plan logistics operations

SUPPORTED MET(S): MCT 4.11

EVALUATION CODED: YES

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: The following basic concepts govern the planning of tactical logistics. Logistic planning should be concurrent with operations planning. Combat and combat support units should exploit their organic logistic capabilities before requesting assistance from combat service support sources. The impetus of logistics is from the rear, directly to the using unit. The logistic system must be responsive, effective, and efficient.

CONDITION: Given a requirement, personnel, and equipment.

STANDARD: Integrating with operation plans, incorporating flexibility and simplicity, and in accordance with MCWP 5-1 Marine Corps Planning Process (MCP).

EVENT COMPONENTS:

1. Lead logistics planning.
2. Integrate ground supply planning.
3. Integrate ground equipment maintenance planning.
4. Integrate transportation planning.
5. Integrate general engineering planning.
6. Integrate health services planning.
7. Integrate services planning.
8. Integrate JIIM considerations, as required.
9. Integrate the functions of logistics with the warfighting functions.
10. Plan the establishment of an LSA, as required.

CHAINED EVENTS:

LOG-C2-7003	0402-C2-1005	0402-C2-2003
LOG-ELI-2505	0402-C2-1006	0402-C2-2004
LOG-ELI-2516	0402-C2-1007	0402-C2-2005
0402-C2-1003	0402-C2-1008	0402-C2-2006
0402-C2-1004	0402-C2-2002	0402-C2-2007

REFERENCES:

1. CJCSM 3122.03_ Joint Operation Planning and Execution System (JOPES)
Volume II: Planning Formats and Guidance
2. JP 3-0 Joint Operations
3. JP 4-0 Joint Logistics
4. MCDP 1 Warfighting
5. MCDP 1-0 Marine Corps Operations

6. MCWP 3-41.1 Rear Area Operations
 7. MCWP 4-1 Logistics Operations
 8. MCWP 4-11 Tactical-Level Logistics
 9. MCWP 4-12 Operational-Level Logistics
 10. MCWP 5-1 Marine Corps Planning Process (MCP)
 11. MSTP PAM 4-0.2 A Logistics Planner's Guide
 12. MSTP PAM 5-0.2 Operational Planning Team Guide
 13. MSTP PAM 5-0.3 MAGTF Planner's Reference Manual
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LOG-C2-7003: Plan the establishment of an LSA

SUPPORTED MET(S): MCT 4.11

EVALUATION CODED: YES

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: An LSA is an area ashore that is organized to contain the necessary supplies, equipment, installations, and elements to provide the landing force with combat service support throughout the operation. LSAs operate in accordance with the OPORD. Because they are primary targets, defense is an integral element of planning.

CONDITION: Given a mission, personnel, and equipment.

STANDARD: Supporting logistics operations requirements in accordance with MCWP 4-11 Tactical-Level Logistics.

EVENT COMPONENTS:

1. Determine LSA planning considerations.
2. Plan the management of supply operations.
3. Plan the management of maintenance operations.
4. Plan the management of transportation operations.
5. Plan the management of general engineering operations.
6. Plan the management of health services operations.
7. Plan the management of services operations.
8. Coordinate security plan/requirements.
9. Coordinate the employment of military police.
10. Plan the management of enemy prisoners of war.
11. Plan the management of enemy detainees.
12. Plan the management of displaced persons/refugees.
13. Coordinate the area damage control (ADC) effort.
14. Coordinate general engineering requirements.
15. Coordinate services.

REFERENCES:

1. MCWP 4-1 Logistics Operations
 2. MCWP 4-11 Tactical-Level Logistics
 3. MCWP 5-1 Marine Corps Planning Process (MCP)
-

LOG-C2-7004: Conduct logistics staff operations

SUPPORTED MET(S): MCT 4.11

EVALUATION CODED: YES

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: The logistics staff (J-4/G-4/S-4) develops logistic policy and coordinates overall logistics within the organization and between the organization and supported and/or supporting commands.

CONDITION: Given a mission, personnel, and equipment.

STANDARD: In accordance with MCWP 4-11 Tactical-Level Logistics.

EVENT COMPONENTS:

1. Direct the garrison functions of the operations section.
2. Manage URP.
3. Develop unit SOP and policies.
4. Assess the execution of training.
5. Integrate the functions of logistics with the warfighting functions.
6. Implement expeditionary logistics support plans.
7. Coordinate unit FDP&E.

CHAINED EVENTS:

LOG-ELI-2501	LOG-ELI-2507	LOG-ELI-2514
LOG-ELI-2502	LOG-ELI-2508	LOG-ELI-2515
LOG-ELI-2503	LOG-ELI-2512	LOG-ELI-2517
LOG-ELI-2504	LOG-ELI-2513	LOG-ELI-2519
LOG-ELI-2506		

REFERENCES:

1. Marine Corps Manual
2. MCDP 6 Command and Control
3. MCWP 3-40.1 MAGTF Command and Control
4. MCWP 4-1 Logistics Operations
5. MCWP 4-11 Tactical-Level Logistics

LOG-MAIN-7001: Conduct ground equipment maintenance operations

SUPPORTED MET(S):

MCT 4.2	MCT 4.2.2.8	MCT 4.2.2.10
MCT 4.2.2	MCT 4.2.2.9	

EVALUATION CODED: YES

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: Maintenance units are capable of providing field level maintenance support for one or more of the equipment commodities.

CONDITION: Given a requirement, personnel, and equipment.

STANDARD: Sustaining operational availability of equipment in accordance with MCWP 4-11.4 Maintenance Operations.

EVENT COMPONENTS:

1. Conduct inspection and classification.

2. Conduct servicing, adjustment, and tuning.
3. Conduct testing and calibration.
4. Conduct repair.
5. Conduct modification.
6. Conduct rebuilding and overhaul.
7. Conduct reclamation.
8. Conduct recovery and evacuation.
9. Establish maintenance support area.
10. Provide marine/waterborne equipment maintenance support.
11. Conduct class VIII (medical/dental) maintenance, as required.
12. Provide maintenance management.

CHAINED EVENTS:

LOG-MAIN-3003

LOG-MAIN-4002

LOG-MAIN-5002

REFERENCES:

1. MCWP 4-1 Logistics Operations
2. MCWP 4-11 Tactical-Level Logistics
3. MCWP 4-11.4 Maintenance Operations

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Ground equipment maintenance is performed by multiple occupational fields in addition to the 04 occupational field. In addition to the Logistics T&R Manual, refer to the following T&R manuals for the event components indicated:

NAVMC 3500.6_ Ground Electronics Maintenance T&R Manual (1-9)
NAVMC 3500.12_ Engineers & Utilities T&R Manual (1-10)
NAVMC 3500.33_ Ground Ordnance Maintenance T&R Manual (1-9)
NAVMC 3500.39_ Motor Transport T&R Manual (1-9)

LOG-OPS-7001: Conduct logistics operations

SUPPORTED MET(S): MCT 4

EVALUATION CODED: YES

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: A battalion-sized logistics unit with the mission and capabilities to support two or more of the functions of logistics at the tactical level. If the logistics unit is fulfilling the role of the LCE, the "commander" refers to the MAGTF commander. An advanced level of performance mastery will include the ability to integrate logistics operations with JIIM partners.

CONDITION: Given a mission, personnel, and equipment.

STANDARD: Meeting the commander's intent in accordance with MCWP 4-11 Tactical-Level Logistics.

EVENT COMPONENTS:

1. Conduct logistics staff operations.

2. Plan logistics operations.
3. Establish a logistics support area.
4. Execute logistics operations C2.
5. Conduct ground supply operations.
6. Conduct ground equipment maintenance operations.
7. Conduct transportation operations.
8. Conduct general engineering operations.
9. Provide health services support.
10. Provide services support.
11. Coordinate subordinate logistics units, as applicable.

CHAINED EVENTS:

LOG-C2-7001	LOG-C2-7004	LOG-SVC-5001
LOG-C2-7002	LOG-MAIN-6001	LOG-TRAN-6001

REFERENCES:

1. MCWP 4-1 Logistics Operations
2. MCWP 4-11 Tactical-Level Logistics

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Logistics operations are executed by multiple occupational fields in addition to the 04 occupational field. In addition to the Logistics T&R Manual, refer to the following T&R manuals for the event components indicated:

NAVMC 3500.12_ Engineers & Utilities T&R Manual (8)
NAVMC 3500.64_ Ground Supply T&R Manual (5)
NAVMC 3500.84_ Health Services T&R Manual (9)
NAVMC 3500.89_ Ammunition Technician and Officer T&R Manual (5)

LOG-TRAN-7001: Conduct transportation operations

SUPPORTED MET(S): MCT 4.3

EVALUATION CODED: YES

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: Transportation is movement from one location to another by using highways, railroads, waterways, pipelines, oceans, and air. Transportation is needed to put combat power (personnel and materiel) in the correct locations at the proper times to start and maintain operations. Any major disruption of transportation support can adversely affect a MAGTF's capability to support and execute the assigned mission.

CONDITION: Given a requirement, personnel, and equipment.

STANDARD: Moving personnel and materiel in accordance with MCWP 4-11.3 Transportation Operations.

EVENT COMPONENTS:

1. Conduct embarkation support.
2. Conduct landing support operations.

3. Conduct port and terminal support.
4. Conduct motor transport operations.
5. Conduct air delivery operations.
6. Provide freight/passenger transportation operations.
7. Conduct materials handling support operations.
8. Conduct prepositioning operations.
9. Control movement.

CHAINED EVENTS:

LOG-TRAN-4002	LOG-TRAN-6002	LOG-TRAN-6004
LOG-TRAN-5004	LOG-TRAN-6003	LOG-TRAN-6005
LOG-TRAN-5005		

REFERENCES:

1. MCWP 4-1 Logistics Operations
2. MCWP 4-11 Tactical-Level Logistics
3. MCWP 4-11.3 Transportation Operations

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Transportation is performed by multiple occupational fields in addition to the 04 occupational field. In addition to the Logistics T&R Manual, refer to the following T&R manuals for the event components indicated:

NAVMC 3500.12_ Engineers & Utilities T&R Manual (7)
NAVMC 3500.25_ DMO T&R Manual (6, 7)
NAVMC 3500.39_ Motor Transport T&R Manual (4)

LOG-TRAN-7002: Conduct prepositioning operations

SUPPORTED MET(S):

MCT 1.2.6 MCT 1.12.3 MCT 4.3.8

EVALUATION CODED: NO **SUSTAINMENT INTERVAL:** 24 months

DESCRIPTION: Prepositioning operations include MPF, both ashore and afloat, as well as geographic prepositioned assets.

CONDITION: Given a requirement, personnel, and equipment.

STANDARD: Supporting MAGTF operations in accordance with MCWP 4-11 Tactical-Level Logistics.

EVENT COMPONENTS:

1. Close.
2. Assemble.
3. Employ.
4. Sustain.
5. Reconstitute.

CHAINED EVENTS:

0402-C2-1001

LOG-ELI-2511

LOG-ELI-2522

REFERENCES:

1. CJCSI 4310.01_ Logistics Planning Guidance for Global Pre-Positioned Materiel Capabilities
2. JP 4-0 Joint Logistics
3. JP 4-09 Distribution Operations
4. MCDP 3 Expeditionary Operations
5. MCWP 3-31.5 Ship-to-Shore Movement
6. MCWP 3-31.7 Seabasing
7. MCWP 3-32 Maritime Prepositioning Operations
8. MCWP 4-1 Logistics Operations
9. MCWP 4-11 Tactical-Level Logistics
10. MCWP 4-11.3 Transportation Operations

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: In addition to the chained events listed above, capabilities from various MOSs are leveraged in the conduct of prepositioning operations. The relevant training events may depend upon the nature of the prepositioning operation (e.g., port, beach, afloat).

3006. 6000-LEVEL EVENTS

LOG-C2-6001: Plan logistics operations

SUPPORTED MET(S): MCT 4.11

EVALUATION CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: The following basic concepts govern the planning of tactical logistics. Logistic planning should be concurrent with operations planning. Combat and combat support units should exploit their organic logistic capabilities before requesting assistance from combat service support sources. The impetus of logistics is from the rear, directly to the using unit. The logistic system must be responsive, effective, and efficient.

CONDITION: Given a requirement, personnel, and equipment.

STANDARD: Integrating with operation plans, incorporating flexibility and simplicity, and in accordance with MCWP 5-1 Marine Corps Planning Process (MCP).

EVENT COMPONENTS:

1. Lead logistics planning.
2. Integrate ground supply planning.
3. Integrate ground equipment maintenance planning.
4. Integrate transportation planning.
5. Integrate general engineering planning.
6. Integrate health services planning.
7. Integrate services planning.
8. Integrate JIIM considerations, as required.

9. Integrate the functions of logistics with the warfighting functions.
10. Plan the establishment of an LSA, as required.

CHAINED EVENTS:

LOG-ELI-2505	0402-C2-1006	0402-C2-2004
LOG-ELI-2516	0402-C2-1007	0402-C2-2005
0402-C2-1003	0402-C2-1008	0402-C2-2006
0402-C2-1004	0402-C2-2002	0402-C2-2007
0402-C2-1005	0402-C2-2003	

REFERENCES:

1. CJCSM 3122.03_ Joint Operation Planning and Execution System (JOPES)
Volume II: Planning Formats and Guidance
2. JP 3-0 Joint Operations
3. JP 4-0 Joint Logistics
4. MCDP 1 Warfighting
5. MCDP 1-0 Marine Corps Operations
6. MCWP 3-41.1 Rear Area Operations
7. MCWP 4-1 Logistics Operations
8. MCWP 4-11 Tactical-Level Logistics
9. MCWP 4-12 Operational-Level Logistics
10. MCWP 5-1 Marine Corps Planning Process (MCP)
11. MSTP PAM 4-0.2 A Logistics Planner's Guide
12. MSTP PAM 5-0.2 Operational Planning Team Guide
13. MSTP PAM 5-0.3 MAGTF Planner's Reference Manual

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: In general, planning logistics operations (i.e., the development of Annex D of an operations order) is only conducted by a company-sized logistics unit when it is performing the role of the LCE for a MAGTF.

LOG-C2-6002: Plan the establishment of an LSA

SUPPORTED MET(S): MCT 4.11

EVALUATION CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: An LSA is an area ashore that is organized to contain the necessary supplies, equipment, installations, and elements to provide the landing force with combat service support throughout the operation. LSAs operate in accordance with the OPORD. Because they are primary targets, defense is an integral element of planning.

CONDITION: Given a mission, personnel, and equipment.

STANDARD: Supporting logistics operations requirements in accordance with MCWP 4-11 Tactical-Level Logistics.

EVENT COMPONENTS:

1. Determine LSA planning considerations.

2. Plan the management of supply operations.
3. Plan the management of maintenance operations.
4. Plan the management of transportation operations.
5. Plan the management of general engineering operations.
6. Plan the management of health services operations.
7. Plan the management of services operations.
8. Coordinate security plan/requirements.
9. Coordinate the employment of military police.
10. Plan the management of enemy prisoners of war.
11. Plan the management of enemy detainees.
12. Plan the management of displaced persons/refugees.
13. Coordinate the area damage control (ADC) effort.
14. Coordinate general engineering requirements.
15. Coordinate services.

REFERENCES:

1. MCWP 4-1 Logistics Operations
2. MCWP 4-11 Tactical-Level Logistics
3. MCWP 5-1 Marine Corps Planning Process (MCP)

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: In general, planning for the establishment of an LSA is only conducted by a company-sized logistics unit when it is performing the role of the LCE for a MAGTF.

LOG-MAIN-6001: Conduct ground equipment maintenance operations

SUPPORTED MET(S):

MCT 4.2	MCT 4.2.2.8	MCT 4.2.2.10
MCT 4.2.2	MCT 4.2.2.9	

EVALUATION CODED: YES

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: Maintenance units will be capable of providing field level maintenance support for one or more of the equipment commodities.

CONDITION: Given a requirement, personnel, and equipment.

STANDARD: Sustaining operational availability of equipment in accordance with MCWP 4-11.4 Maintenance Operations.

EVENT COMPONENTS:

1. Conduct inspection and classification.
2. Conduct servicing, adjustment, and tuning.
3. Conduct testing and calibration.
4. Conduct repair.
5. Conduct modification.
6. Conduct rebuilding and overhaul.
7. Conduct reclamation.
8. Conduct recovery and evacuation.
9. Establish maintenance support area.

10. Provide marine/waterborne equipment maintenance support.
11. Conduct class VIII (medical/dental) maintenance, as required.
12. Provide maintenance management.

CHAINED EVENTS:

LOG-MAIN-3003

LOG-MAIN-4002

LOG-MAIN-5002

REFERENCES:

1. MCWP 4-1 Logistics Operations
2. MCWP 4-11 Tactical-Level Logistics
3. MCWP 4-11.4 Maintenance Operations

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Ground equipment maintenance is performed by multiple occupational fields in addition to the 04 occupational field. In addition to the Logistics T&R Manual, refer to the following T&R manuals for the event components indicated:

NAVMC 3500.6_ Ground Electronics Maintenance T&R Manual (1-9)
NAVMC 3500.12_ Engineers & Utilities T&R Manual (1-10)
NAVMC 3500.33_ Ground Ordnance Maintenance T&R Manual (1-9)
NAVMC 3500.39_ Motor Transport T&R Manual (1-9)

LOG-OPS-6001: Conduct logistics operations

SUPPORTED MET(S): MCT 4

EVALUATION CODED: YES

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: A company-sized logistics unit with the mission and capabilities to support two or more of the functions of logistics at the tactical level. If the logistics unit is fulfilling the role of the LCE, the "commander" refers to the MAGTF commander. An advanced level of performance mastery will include the ability to integrate logistics operations with JIIM partners.

CONDITION: Given a mission, personnel, and equipment.

STANDARD: Meeting the commander's intent in accordance with MCWP 4-11 Tactical-Level Logistics.

EVENT COMPONENTS:

1. Plan logistics operations.
2. Establish a logistics support area.
3. Execute logistics operations C2.
4. Conduct ground supply operations.
5. Conduct ground equipment maintenance operations.
6. Conduct transportation operations.
7. Conduct general engineering operations.
8. Provide health services support.
9. Provide services support.

CHAINED EVENTS:

LOG-C2-6001 LOG-SVC-4001 LOG-TRAN-5001
LOG-MAIN-5001

REFERENCES:

1. MCWP 4-1 Logistics Operations
2. MCWP 4-11 Tactical-Level Logistics

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Logistics operations are executed by multiple occupational fields in addition to the 04 occupational field. In addition to the Logistics T&R Manual, refer to the following T&R manuals for the event components indicated:

NAVMC 3500.12_ Engineers & Utilities T&R Manual (8)
NAVMC 3500.64_ Ground Supply T&R Manual (5)
NAVMC 3500.84_ Health Services T&R Manual (9)
NAVMC 3500.89_ Ammunition Technician and Officer T&R Manual (5)

LOG-SVC-6001: Provide services support

SUPPORTED MET(S):

MCT 4.6 MCT 4.6.1

EVALUATION CODED: YES

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: The services function provides for the effective administration, management, and employment of military organizations. Services subfunctions are essentially administrative in nature. These are categorized as either command services, which are services provided to Marines by their individual commands, or CSS services, which are services provided by a CSS unit.

CONDITION: Given a requirement, personnel, and equipment.

STANDARD: Providing command and combat service support services in accordance with MCWP 4-11.8 Services in an Expeditionary Environment.

EVENT COMPONENTS:

1. Provide personnel administration support.
2. Provide religious ministries support.
3. Provide financial management support.
4. Provide communications.
5. Provide billeting.
6. Provide messing.
7. Provide band support.
8. Provide disbursing support.
9. Provide postal services.
10. Provide exchange services.
11. Provide security support.
12. Provide legal services support.

13. Provide civil affairs support.
14. Provide personnel recovery support.

CHAINED EVENTS: LOG-SVC-5002

REFERENCES:

1. MCWP 4-1 Logistics Operations
2. MCWP 4-11 Tactical-Level Logistics
3. MCWP 4-11.8 Services in an Expeditionary Environment

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Services are performed by multiple occupational fields in addition to the 04 occupational field. In addition to the Logistics T&R Manual, refer to the following T&R manuals for the event components indicated:

NAVMC 3500.3_ Personnel Administration T&R Manual (1, 9)
NAVMC 3500.13_ MCCS T&R Manual (10)
NAVMC 3500.28_ Music T&R Manual (7)
NAVMC 3500.35_ Food Services T&R Manual (6)
NAVMC 3500.56_ Communications T&R Manual (4)
NAVMC 3500.69_ Financial Management T&R Manual (3, 8)
NAVMC 3500.82_ Legal Services T&R Manual (12)
NAVMC 3500.85_ Religious Ministries T&R Manual (2)

LOG-TRAN-6001: Conduct transportation operations

SUPPORTED MET(S): MCT 4.3

EVALUATION CODED: YES

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: Transportation is movement from one location to another by using highways, railroads, waterways, pipelines, oceans, and air. Transportation is needed to put combat power (personnel and materiel) in the correct locations at the proper times to start and maintain operations. Any major disruption of transportation support can adversely affect a MAGTF's capability to support and execute the assigned mission.

CONDITION: Given a requirement, personnel, and equipment.

STANDARD: Moving personnel and materiel in accordance with MCWP 4-11.3 Transportation Operations.

EVENT COMPONENTS:

1. Conduct embarkation support.
2. Conduct landing support operations.
3. Conduct port and terminal support.
4. Conduct motor transport operations.
5. Conduct air delivery operations.
6. Provide freight/passenger transportation operations.
7. Conduct materials handling support operations.

8. Conduct prepositioning operations.
9. Control movement, as required.

CHAINED EVENTS:

LOG-TRAN-4002	LOG-TRAN-5003	LOG-TRAN-5005
LOG-TRAN-5002	LOG-TRAN-5004	LOG-TRAN-6004

REFERENCES:

1. MCWP 4-1 Logistics Operations
2. MCWP 4-11 Tactical-Level Logistics
3. MCWP 4-11.3 Transportation Operations

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Transportation is performed by multiple occupational fields in addition to the 04 occupational field. In addition to the Logistics T&R Manual, refer to the following T&R manuals for the event components indicated:

NAVMC 3500.12_ Engineers & Utilities T&R Manual (7)
NAVMC 3500.25_ DMO T&R Manual (6, 7)
NAVMC 3500.39_ Motor Transport T&R Manual (4)

LOG-TRAN-6002: Conduct landing support operations

SUPPORTED MET(S): MCT 4.3.9

EVALUATION CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: Landing support is the assistance provided to effect the efficient and responsive throughput of personnel, supplies, and equipment during the ship-to-shore movement phase of the amphibious assault or across beaches in support of operations ashore. It includes control of the flow of personnel and material across the beach and into landing zones. Landing support does not end when the MAGTF completes the assault. It continues through landing of the assault follow-on echelons (AFOEs). Landing support also includes the evacuation of casualties and enemy prisoners of war (EPWs) during the early stages of the assault.

CONDITION: Given a requirement, personnel, and equipment.

STANDARD: Controlling the flow of personnel and materiel in accordance with MCWP 4-11.3 Transportation Operations.

EVENT COMPONENTS:

1. Conduct beach operations.
2. Conduct LFSP operations.

CHAINED EVENTS:

LOG-TRAN-5007	LOG-TRAN-5008
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REFERENCES:

1. MCRP 3-31.1A Employment of Landing Craft Air Cushion (LCAC)
 2. MCRP 4-11C Combat Cargo Operations Handbook
 3. MCRP 4-11.3D/NWP 22.5 The Naval Beach Group
 4. MCRP 4-11.3F Convoy Operations Handbook
 5. MCRP 4-11.3G Unit Embarkation Handbook
 6. MCWP 3-31.5 Ship-to-Shore Movement
 7. MCWP 3-32 Maritime Prepositioning Force Operations
 8. MCWP 4-1 Logistics Operations
 9. MCWP 4-11 Tactical-Level Logistics
 10. MCWP 4-11.3 Transportation Operations
 11. MCWP 4-11.6 Petroleum and Water Logistics Operations
 12. MCWP 4-12 Operational-Level Logistics
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LOG-TRAN-6003: Conduct port and terminal support

SUPPORTED MET(S):

MCT 4.3.2	MCT 4.3.2.3	MCT 4.3.5.1
MCT 4.3.2.1	MCT 4.3.2.4	MCT 4.3.8
MCT 4.3.2.2	MCT 4.3.5	

EVALUATION CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: Whereas port operations are specific to the loading and unloading of ships, terminal operations encompass any or all modes of transportation (air, rail, water, land, pipeline) and throughput procedures. Port operations form a doctrinally identified subset of terminal operations.

CONDITION: Given a requirement, personnel, and equipment.

STANDARD: Supporting throughput of personnel and materiel in accordance with MCWP 4-11.3 Transportation Operations.

EVENT COMPONENTS:

1. Receive passengers.
2. Receive cargo.
3. Process passengers.
4. Provide transit storage for cargo.
5. Stage passengers.
6. Marshal cargo.
7. Load ships/aircraft.
8. Unload ships/aircraft.
9. Manifest/forward cargo/passengers to destination.

CHAINED EVENTS:

LOG-TRAN-5006	0430-PLAN-2211	0481-OPS-1402
LOG-TRAN-3009	0431-PLAN-1801	0481-OPS-1403
LOG-TRAN-3008	0431-PLAN-2802	0481-OPS-1405
0430-PLAN-2207	0431-PLAN-2803	0481-PLAN-2702
0430-PLAN-2208	0431-PLAN-2804	0481-PLAN-2704
0430-PLAN-2209	0481-ADMN-2401	0481-PLAN-2705
0430-PLAN-2210		

REFERENCES:

1. MCWP 4-1 Logistics Operations
2. MCWP 4-11 Tactical-Level Logistics
3. MCWP 4-11.3 Transportation Operations

LOG-TRAN-6004: Conduct prepositioning operations

SUPPORTED MET(S):

MCT 1.2.6 MCT 1.12.3 MCT 4.3.8

EVALUATION CODED: NO **SUSTAINMENT INTERVAL:** 24 months

DESCRIPTION: Prepositioning operations include MPF, both ashore and afloat, as well as geographic prepositioned assets.

CONDITION: Given a requirement, personnel, and equipment.

STANDARD: Supporting MAGTF operations in accordance with MCWP 4-11 Tactical-Level Logistics.

EVENT COMPONENTS:

1. Close.
2. Assemble.
3. Employ.
4. Sustain.
5. Reconstitute.

CHAINED EVENTS:

LOG-TRAN-5001 LOG-ELI-2511 LOG-ELI-2522
0402-OPS-1012

REFERENCES:

1. CJCSI 4310.01_ Logistics Planning Guidance for Global Pre-Positioned Materiel Capabilities
2. JP 4-0 Joint Logistics
3. JP 4-09 Distribution Operations
4. MCDP 3 Expeditionary Operations
5. MCWP 3-31.5 Ship-to-Shore Movement
6. MCWP 3-31.7 Seabasing
7. MCWP 3-32 Maritime Prepositioning Operations
8. MCWP 4-1 Logistics Operations
9. MCWP 4-11 Tactical-Level Logistics
10. MCWP 4-11.3 Transportation Operations
- 11.

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: In addition to the chained events listed above, capabilities from various MOSs are leveraged in the conduct of prepositioning operations. The relevant training events may depend upon the nature of the prepositioning operation (e.g., port, beach, afloat).

LOG-TRAN-6005: Conduct beach operations

SUPPORTED MET(S): MCT 4.3.9

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: The beach is the area extending from the shoreline inland to a marked change in physiographic form or material, or to the line of permanent vegetation (coastline). In amphibious operations, beach operations support the debarking of troops and equipment in the transport area. Beach operations support the initial landing and unloading period, providing rapid build-up of combat forces ashore and quick response to landing force requirements.

CONDITION: Given personnel, equipment, landing craft, vessels, cargo, PPE, a beach, and DOD-ITV access.

STANDARD: Ensuring supplies and equipment are loaded/offloaded in serviceable condition and with 100% accountability.

EVENT COMPONENTS:

1. Direct passenger movement.
2. Report onload/offload status of personnel and equipment.
3. Conduct beach reconnaissance.
4. Setup up beach landing zone.
5. Establish communications.
6. Establish staging/call forward area.
7. Employ ITV.
8. Direct equipment movement.
9. Assign responsibilities.
10. Identify beach landing zone(s).

CHAINED EVENTS:

0481-ADMN-2401

0481-OPS-1404

0481-PLAN-2703

REFERENCES:

1. MCRP 3-31.1A Employment of Landing Craft Air Cushion (LCAC)
2. MCRP 3-31B Amphibious Ships and Landing Craft
3. MCRP 4-11.3D/NWP 22.5 The Naval Beach Group
4. MCRP 4-11.3F Convoy Operations Handbook
5. MCRP 4-11.3G Unit Embarkation Handbook
6. MCRP 4-11C Combat Cargo Operations Handbook
7. MCWP 3-31.5/FMFM 1-8 Ship-to-Shore Movement
8. MCWP 3-31B Amphibious Ships and Landing Craft Data Book
9. MCWP 3-32 Maritime Pre-positioning Force (MPF) Operations
10. MCWP 4-1 Logistics Operations
11. MCWP 4-11 Tactical-Level Logistics
12. MCWP 4-11.3 Transportation Operations
13. MCWP 4-12 Operational-Level Logistics

3007. 5000-LEVEL EVENTS

LOG-MAIN-5001: Conduct ground equipment maintenance operations

SUPPORTED MET(S):

MCT 4.2	MCT 4.2.2.8	MCT 4.2.2.10
MCT 4.2.2	MCT 4.2.2.9	

EVALUATION CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: Maintenance units are capable of providing field level maintenance support for one or more of the equipment commodities.

CONDITION: Given a requirement, personnel, and equipment.

STANDARD: Sustaining operational availability of equipment in accordance with MCWP 4-11.4 Maintenance Operations.

EVENT COMPONENTS:

1. Conduct inspection and classification.
2. Conduct servicing, adjustment, and tuning.
3. Conduct testing and calibration.
4. Conduct repair.
5. Conduct modification.
6. Conduct rebuilding and overhaul.
7. Conduct reclamation.
8. Conduct recovery and evacuation.
9. Establish maintenance support area.
10. Provide marine/waterborne equipment maintenance support.
11. Conduct class VIII (medical/dental) maintenance, as required.
12. Provide maintenance management.

CHAINED EVENTS:

LOG-MAIN-3003	LOG-MAIN-4002
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REFERENCES:

1. MCWP 4-1 Logistics Operations
2. MCWP 4-11 Tactical-Level Logistics
3. MCWP 4-11.4 Maintenance Operations

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Ground equipment maintenance is performed by multiple occupational fields in addition to the 04 occupational field. In addition to the Logistics T&R Manual, refer to the following T&R manuals for the event components indicated:

NAVMC 3500.6_ Ground Electronics Maintenance T&R Manual (1-9)
NAVMC 3500.12_ Engineers & Utilities T&R Manual (1-10)
NAVMC 3500.33_ Ground Ordnance Maintenance T&R Manual (1-9)
NAVMC 3500.39_ Motor Transport T&R Manual (1-9)

LOG-MAIN-5002: Provide maintenance management

SUPPORTED MET (S) : None

EVALUATION CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: Maintenance management is the systematic approach to the maintenance of organizational equipment. There are four principal concerns in maintenance management: command, resources, production, and information. The ability to plan, organize, staff, direct, and control a command's ground equipment maintenance program is the foundation for sustainment in combat. Maintenance management enables commanders to prioritize assets to better accomplish the maintenance mission and thereby improve readiness.

CONDITION: Given a mission, personnel, and equipment.

STANDARD: Coordinating the effective use of maintenance and supply resources in accordance with MCO P4790.1 MIMMS Introduction Manual.

EVENT COMPONENTS:

1. Manage maintenance administration.
2. Manage maintenance personnel and training.
3. Manage records and reports.
4. Manage maintenance/maintenance management publications control.
5. Monitor equipment availability.
6. Manage maintenance production (PMCS and CM).
7. Integrate supply support.
8. Manage maintenance related programs.

CHAINED EVENTS:

0411-ADMN-1401	0411-OPS-1403	0411-OPS-2402
0411-ADMN-1402	0411-OPS-1404	0411-OPS-2403
0411-ADMN-1403	0411-OPS-1405	0411-OPS-2404
0411-ADMN-2401	0411-OPS-1406	0411-OPS-2505
0411-ADMN-2402	0411-OPS-1407	0411-OPS-2406
0411-OPS-1401	0411-OPS-1408	0411-OPS-2407
0411-OPS-1402	0411-OPS-2401	

REFERENCES:

1. MCO P4790.1_ Introduction to MIMMS
2. MCO P4790.2_ MIMMS Field Procedures Manual
3. MCWP 4-1 Logistics Operations
4. MCWP 4-11 Tactical-Level Logistics
5. MCWP 4-11.4 Maintenance Operations

LOG-SVC-5001: Provide services support

SUPPORTED MET(S) :

MCT 4.6 MCT 4.6.1

EVALUATION CODED: YES

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: The services function provides for the effective administration, management, and employment of military organizations.

Services subfunctions are essentially administrative in nature. These are categorized as either command services, which are services provided to Marines by their individual commands, or CSS services, which are services provided by a CSS unit.

CONDITION: Given a requirement, personnel, and equipment.

STANDARD: Providing command and combat service support services in accordance with MCWP 4-11.8 Services in an Expeditionary Environment.

EVENT COMPONENTS:

1. Provide personnel administration support.
2. Provide religious ministries support.
3. Provide financial management support.
4. Provide communications.
5. Provide billeting.
6. Provide messing.
7. Provide band support.
8. Provide disbursing support.
9. Provide postal services.
10. Provide exchange services.
11. Provide security support.
12. Provide legal services support.
13. Provide civil affairs support.
14. Provide personnel recovery support.

CHAINED EVENTS: LOG-SVC-5002

REFERENCES:

1. MCWP 4-1 Logistics Operations
2. MCWP 4-11 Tactical-Level Logistics
3. MCWP 4-11.8 Services in an Expeditionary Environment

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Services are performed by multiple occupational fields in addition to the 04 occupational field. In addition to the Logistics T&R Manual, refer to the following T&R manuals for the event components indicated:

NAVMC 3500.3_ Personnel Administration T&R Manual (1, 9)
NAVMC 3500.13_ MCCS T&R Manual (10)
NAVMC 3500.28_ Music T&R Manual (7)
NAVMC 3500.35_ Food Services T&R Manual (6)
NAVMC 3500.56_ Communications T&R Manual (4)
NAVMC 3500.69_ Financial Management T&R Manual (3, 8)
NAVMC 3500.82_ Legal Services T&R Manual (12)
NAVMC 3500.85_ Religious Ministries T&R Manual (2)

LOG-SVC-5002: Provide personnel recovery

SUPPORTED MET(S):

MCT 4.6.5
MCT 4.6.5.1

MCT 4.6.5.3
MCT 4.6.5.4

MCT 4.6.5.5

EVALUATION CODED: YES

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: Personnel recovery support begins at the unit level. Commanders are responsible for the recovery and evacuation of human remains of assigned and attached personnel (military, DOD civilian, and contractor) to the nearest mortuary affairs facility. The Marine Corps Personnel Retrieval and Processing (PRP) Company provides search and rescue teams in support of units within the Marine Corps operational area. The Marine Corps has personnel with personnel recovery training and has the capability to establish and operate mortuary affairs collection points (MACPs).

CONDITION: Given a requirement, personnel, and equipment.

STANDARD: Supporting requirements in accordance with JP 4-06 Mortuary Affairs.

EVENT COMPONENTS:

1. Provide PRP search and recovery operations.
2. Provide PRP collection point operations.
3. Provide interment/disinterment operations.
4. Provide fatality/mass casualty operations.
5. Provide temporary theater level mortuary affairs support operations.
6. Prepare a Personnel Retrieval and Processing appendix to an operation order.

CHAINED EVENTS:

LOG-SVC-4002	LOG-SVC-4004	LOG-SVC-4005
LOG-SVC-4003	LOG-SVC-4006	0471-PLAN-2801

REFERENCES:

1. DODD 1300.22 Mortuary Affairs Policy
2. DTR 4500.9-R Part VII, Human Remains Movement
3. JP 4-06 Mortuary Affairs
4. MCWP 4-1 Logistics Operations
5. MCWP 4-11 Tactical-Level Logistics
6. MCWP 4-11.8 Services in an Expeditionary Environment

LOG-TRAN-5001: Conduct transportation operations

SUPPORTED MET(S): MCT 4.3

EVALUATION CODED: YES

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: Transportation is movement from one location to another by using highways, railroads, waterways, pipelines, oceans, and air. Transportation is needed to put combat power (personnel and materiel) in the correct locations at the proper times to start and maintain operations. Any major disruption of transportation support can adversely affect a MAGTF's capability to support and execute the assigned mission.

CONDITION: Given a requirement, personnel, and equipment.

STANDARD: Moving personnel and materiel in accordance with MCWP 4-11.3 Transportation Operations.

EVENT COMPONENTS:

1. Conduct embarkation support.
2. Conduct landing support operations.
3. Conduct port and terminal support.
4. Conduct motor transport operations.
5. Conduct air delivery operations.
6. Provide freight/passenger transportation operations.
7. Conduct materials handling support operations.
8. Control movement, as required.

CHAINED EVENTS:

LOG-TRAN-4002	LOG-TRAN-4004	LOG-TRAN-4006
LOG-TRAN-4003	LOG-TRAN-4005	

REFERENCES:

1. MCWP 4-1 Logistics Operations
2. MCWP 4-11 Tactical-Level Logistics
3. MCWP 4-11.3 Transportation Operations

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Transportation is performed by multiple occupational fields in addition to the 04 occupational field. In addition to the Logistics T&R Manual, refer to the following T&R manuals for the event components indicated:

NAVMC 3500.12_ Engineers & Utilities T&R Manual (7)
NAVMC 3500.25_ DMO T&R Manual (6, 7)
NAVMC 3500.39_ Motor Transport T&R Manual (4)

LOG-TRAN-5002: Conduct landing support operations

SUPPORTED MET(S): MCT 4.3.9

EVALUATION CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: Landing support is the assistance provided to effect the efficient and responsive throughput of personnel, supplies, and equipment during the ship-to-shore movement phase of the amphibious assault or across beaches in support of operations ashore. It includes control of the flow of personnel and material across the beach and into landing zones. Landing support does not end when the MAGTF completes the assault. It continues through landing of the assault follow-on echelons (AFOEs). Landing support also includes the evacuation of casualties and enemy prisoners of war (EPWs) during the early stages of the assault.

CONDITION: Given a requirement, personnel, and equipment.

STANDARD: Controlling the flow of personnel and materiel in accordance with MCWP 4-11.3 Transportation Operations.

EVENT COMPONENTS:

1. Conduct beach operations.
2. Conduct LFSP operations.

CHAINED EVENTS:

LOG-TRAN-5007 LOG-TRAN-5008

REFERENCES:

1. MCRP 3-31.1A Employment of Landing Craft Air Cushion (LCAC)
2. MCRP 4-11.3D/NWP 22.5 The Naval Beach Group
3. MCRP 4-11.3F Convoy Operations Handbook
4. MCRP 4-11.3G Unit Embarkation Handbook
5. MCRP 4-11C Combat Cargo Operations Handbook
6. MCWP 3-31.5 Ship-to-Shore Movement
7. MCWP 3-32 Maritime Prepositioning Force Operations
8. MCWP 4-1 Logistics Operations
9. MCWP 4-11 Tactical-Level Logistics
10. MCWP 4-11.3 Transportation Operations
11. MCWP 4-11.6 Petroleum and Water Logistics Operations
12. MCWP 4-12 Operational-Level Logistics

LOG-TRAN-5003: Conduct port and terminal support

SUPPORTED MET(S):

MCT 4.3.2	MCT 4.3.2.3	MCT 4.3.5.1
MCT 4.3.2.1	MCT 4.3.2.4	MCT 4.3.8
MCT 4.3.2.2	MCT 4.3.5	

EVALUATION CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: Whereas port operations are specific to the loading and unloading of ships, terminal operations encompass any or all modes of transportation (air, rail, water, land, pipeline) and throughput procedures. Port operations form a doctrinally identified subset of terminal operations.

CONDITION: Given a requirement, personnel, and equipment.

STANDARD: Supporting throughput of personnel and materiel in accordance with MCWP 4-11.3 Transportation Operations.

EVENT COMPONENTS:

1. Receive passengers.
2. Receive cargo.
3. Process passengers.
4. Provide transit storage for cargo.
5. Stage passengers.
6. Marshal cargo.
7. Load ships/aircraft.
8. Unload ships/aircraft.

9. Manifest/forward cargo/passengers to destination.

CHAINED EVENTS:

LOG-TRAN-5006	0430-PLAN-2211	0481-OPS-1402
LOG-TRAN-3009	0431-PLAN-1801	0481-OPS-1403
LOG-TRAN-3008	0431-PLAN-2802	0481-OPS-1405
0430-PLAN-2207	0431-PLAN-2803	0481-PLAN-2702
0430-PLAN-2208	0431-PLAN-2804	0481-PLAN-2704
0430-PLAN-2209	0481-ADMN-2401	0481-PLAN-2705
0430-PLAN-2210		

REFERENCES:

1. MCWP 4-1 Logistics Operations
2. MCWP 4-11 Tactical-Level Logistics
3. MCWP 4-11.3 Transportation Operations

LOG-TRAN-5004: Conduct air delivery operations

SUPPORTED MET(S): MCT 4.3.4

EVALUATION CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: Air delivery is the in-flight delivery of specially rigged equipment and supplies to land-based combat forces. It is performed by either fixed-wing or rotary-wing aircraft. Air delivery is a combat service support sub-function and is normally coordinated by the logistics combat element. The logistics combat element commander determines if air delivery is the appropriate mode of transportation. The conduct of air delivery operations is performed by multiple units in different roles, as articulated in the different event components/chained events.

CONDITION: Given a requirement, personnel, and equipment.

STANDARD: Ensuring delivery of specially rigged equipment and supplies without damage to materiel or injury to personnel in accordance with MCWP 4-11.3 Transportation Operations.

EVENT COMPONENTS:

1. Coordinate air delivery operations.
2. Provide airlift support to air delivery operations.
3. Support air delivery operations.
4. Receive airdropped materiel.

CHAINED EVENTS:

LOG-TRAN-3011	LOG-TRAN-3013	LOG-TRAN-4007
LOG-TRAN-3012	LOG-TRAN-3014	LOG-TRAN-5010

REFERENCES:

1. MCWP 4-1 Logistics Operations
 2. MCWP 4-11 Tactical-Level Logistics
 3. MCWP 4-11.3 Transportation Operations
-

LOG-TRAN-5005: Conduct materials handling support operations

SUPPORTED MET(S): MCT 4.3.6

EVALUATION CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: Materials handling is the movement of materials to, through, and from productive processes; in warehouses, and storage; and in receiving and shipping areas. Effective use of available materials handling equipment (MHE) is essential to movement control and maintaining the throughput of supplies and equipment.

CONDITION: Given a requirement, personnel, and equipment.

STANDARD: Supporting movement control and maintaining the throughput of material in accordance with MCWP 4-11.3 Transportation Operations.

EVENT COMPONENTS:

1. Receive materials.
2. Move materials.
3. Ship materials.

REFERENCES :

1. MCWP 4-1 Logistics Operations
2. MCWP 4-11 Tactical-Level Logistics
3. MCWP 4-11.3 Transportation Operations

MISCELLANEOUS :

ADMINISTRATIVE INSTRUCTIONS: Materials handling are performed by a number of occupational fields and military operational specialties, including, but not limited to, ground supply, embarkation, distribution management, ammunition, etc. Individual training events that support the event components of this collective training event are located in the MOS-specific chapters in the appropriate T&R manuals.

LOG-TRAN-5006: Conduct A/DACG operations

SUPPORTED MET(S) :

MCT 4.3.5

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: The A/DACG is established by the LCE as an additional movement control organization subordinate to the LMCC to support deployment.

CONDITION: Given personnel, equipment and a concept of operations

STANDARD: Supporting movement timeline, maintaining safety and accountability

EVENT COMPONENTS:

1. Conduct site survey.
2. Coordinate with external agencies.
3. Establish communications.
4. Coordinate with airfield security.
5. Assign responsibilities.
6. Employ ITV.
7. Direct equipment movement.
8. Direct passenger movement.
9. Report onload/offload status of personnel and equipment.
10. Establish staging areas.
11. Coordinate joint inspections.

CHAINED EVENTS:

0481-OPS-1405

0481-PLAN-2704

REFERENCES:

1. MCRP 4-11.3G Unit Embarkation Handbook
2. MCWP 3-2 Aviation Operations
3. MCWP 3-11.4 Helicopter Borne Operations
4. MCWP 3-21.1 Aviation Ground Support
5. MCWP 4-11.3 Transportation Operations
6. MCWP 4-1 Logistics Operations
7. MCWP 4-11 Tactical-Level Logistics
8. MCWP 4-12 Operational-Level Logistics

LOG-TRAN-5007: Conduct beach operations

SUPPORTED MET(S): MCT 4.3.9

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: The beach is the area extending from the shoreline inland to a marked change in physiographic form or material, or to the line of permanent vegetation (coastline). In amphibious operations, beach operations support the debarking of troops and equipment in the transport area. Beach operations support the initial landing and unloading period, providing rapid build-up of combat forces ashore and quick response to landing force requirements.

CONDITION: Given personnel, equipment, landing craft, vessels, cargo, PPE, beach, DOD-ITV access.

STANDARD: Ensuring supplies and equipment are loaded/offloaded in serviceable condition and with 100% accountability.

EVENT COMPONENTS:

1. Direct passenger movement.
2. Report onload/offload status of personnel and equipment.
3. Conduct beach reconnaissance.
4. Setup up beach landing zone.
5. Establish communications.
6. Establish staging/call forward area.

7. Employ ITV.
8. Direct equipment movement.
9. Assign responsibilities.
10. Identify beach landing zone(s).

CHAINED EVENTS:

0481-ADMN-2401

0481-OPS-1404

0481-PLAN-2703

REFERENCES:

1. MCRP 3-31.1A Employment of Landing Craft Air Cushion (LCAC)
 2. MCRP 3-31B Amphibious Ships and Landing Craft
 3. MCWP 4-11.3 Transportation Operations
 4. MCRP 4-11.3D/NWP 22.5 The Naval Beach Group
 5. MCRP 4-11.3F Convoy Operations Handbook
 6. MCRP 4-11.3G Unit Embarkation Handbook
 7. MCRP 4-11C Combat Cargo Operations Handbook
 8. MCWP 3-31.5 Ship-to-Shore Movement
 9. MCWP 3-31.5/FMFM 1-8 Ship-to-Shore Movement
 10. MCWP 3-31B Amphibious Ships and Landing Craft Data Book
 11. MCWP 3-32 Maritime Pre-positioning Force (MPF) Operations
 12. MCWP 4-1 Logistics Operations
 13. MCWP 4-11 Tactical-Level Logistics
 14. MCWP 4-11.3 Transportation Operations
 15. MCWP 4-12 Operational-Level Logistics
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LOG-TRAN-5008: Conduct LFSP operations

SUPPORTED MET(S): MCT 4.3.9

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: The LFSP is a task-organized unit composed primarily of elements from the LSE and Navy support element (NSE) augmented by other MAGTF units. The LFSP controls throughput of personnel and maritime pre-positioned equipment and supplies (MPE/S) at the port, beach, and airfield.

CONDITION: Given a beach/port, personnel and equipment, movement data, personnel and equipment to be moved.

STANDARD: Facilitating the landing and movement of personnel, supplies and equipment across the beach into a vertical landing zone or through a port.

EVENT COMPONENTS:

1. Coordinate with external agencies.
2. Conduct liaison with assigned units.
3. Establish communications requirements.
4. Conduct a BOG.
5. Conduct a POG.
6. Conduct HST operations.
7. Conduct beach salvage operations.
8. Conduct evacuation of casualties and EPWs.
9. Facilitate the establishment of the CSS elements.

10. Complete documentation.
11. Complete required reports.

CHAINED EVENTS:

0481-ADMN-2401 0481-OPS-1404 0481-PLAN-2703

REFERENCES:

1. MCRP 3-31.1A Employment of Landing Craft Air Cushion (LCAC)
 2. MCRP 3-31B Amphibious Ships and Landing Craft
 3. MCWP 4-11.3 Transportation Operations
 4. MCRP 4-11C Combat Cargo Operations Handbook
 5. MCRP 4-11.3D/NWP 22.5 The Naval Beach Group
 6. MCRP 4-11.3F Convoy Operations Handbook
 7. MCRP 4-11.3G Unit Embarkation Handbook
 8. MCWP 3-31.5 Ship-to-Shore Movement
 9. MCWP 3-32 Maritime Pre-positioning Force (MPF) Operations
 10. MCWP 4-1 Logistics Operations
 11. MCWP 4-11 Tactical-Level Logistics
 12. MCWP 4-11.6 Petroleum and Water Logistics Operations
 13. MCWP 4-12 Operational-Level Logistics
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LOG-TRAN-5009: Conduct rail operations

SUPPORTED MET(S):

MCT 4.3.5 MCT 4.3.5.1

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: The rail operations team is task-organized around a nucleus from the beach and terminal operations units of the LCE. The needs of the units moving through the rail yard determine the rail operations team's task organization. The mission of a rail movement operation is to move personnel and equipment over the existing rail system to their destination.

CONDITION: Given personnel, equipment, and a load plan.

STANDARD: Completing onload/offload operations without injury to personnel or damage to equipment.

EVENT COMPONENTS:

1. Coordinate with external agencies.
2. Conduct rail-head reconnaissance.
3. Coordinate security.
4. Assign responsibilities.
5. Establish appropriate staging/distribution area.
6. Establish communications.
7. Employ ITV.
8. Direct equipment movement.
9. Report onload/offload status of personnel and equipment.

CHAINED EVENTS:

0481-ADMN-2401 0481-OPS-1402 0481-PLAN-2705

REFERENCES:

1. AAR American Association of Railroads
 2. DOD 4500.9-R Defense Transportation Regulation (DTR)
 3. MCRP 4-11.3G Unit Embarkation Handbook
 4. MCWP 4-1 Logistics Operations
 5. MCWP 4-11 Tactical-Level Logistics
 6. MCWP 4-11.3 Transportation Operations
 7. MCWP 4-12 Operational-Level Logistics
 8. TM 55-2200-001-12 Application of Blocking, Bracing and Tie Down Materials for Rail Transport
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LOG-TRAN-5010: Support air delivery operations

SUPPORTED MET(S): MCT 4.3.4

EVALUATION CODED: YES

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: The Marine Corps' primary air delivery unit is the air delivery platoon. The air delivery platoon's mission is to receive, store, repair, and rig selected supplies and equipment for airdrop from either Marine Corps or Air Force aircraft.

CONDITION: Given a requirement, personnel, and equipment.

STANDARD: Ensuring delivery of specially rigged equipment and supplies without damage to materiel or injury to personnel in accordance with MCWP 4-11.3 Transportation Operations.

EVENT COMPONENTS:

1. Receive materiel from airdrop.
2. Store materiel for airdrop.
3. Prepare materiel for airdrop.
4. Perform maintenance on airdrop equipment.
5. Inspect/certify airdrop equipment, as required.
6. Provide supervision on the operation of drop zones.
7. Provide evacuation of airdropped equipment from drop zones.
8. Inspect airdropped loads.
9. Assist other units involved in parachute operations, if necessary.
10. Provide auxiliary personnel to aid flight crews in the performance of the airdrop mission, if necessary.

CHAINED EVENTS:

0451-ADMN-2101	0451-MAIN-2651	0451-PACK-1006
0451-ADMN-2102	0451-MAIN-2652	0451-PACK-1007
0451-ADMN-2103	0451-MAIN-2653	0451-PACK-1008
0451-ADMN-2104	0451-MAIN-2654	0451-PACK-1009
0451-MAIN-1601	0451-OPS-1701	0451-PACK-1010
0451-MAIN-1602	0451-OPS-1702	0451-PACK-1011
0451-MAIN-1603	0451-OPS-1703	0451-PACK-1012
0451-MAIN-1604	0451-OPS-1704	0451-PACK-1013
0451-MAIN-1605	0451-OPS-1705	0451-PACK-1014
0451-MAIN-1606	0451-OPS-1706	0451-PACK-1015

0451-MAIN-1607	0451-OPS-2701	0451-PACK-1016
0451-MAIN-1608	0451-OPS-2702	0451-PACK-1018
0451-MAIN-2601	0451-OPS-2703	0451-PACK-2001
0451-MAIN-2602	0451-OPS-2704	0451-PACK-2002
0451-MAIN-2603	0451-OPS-2705	0451-PACK-2003
0451-MAIN-2604	0451-OPS-2706	0451-PACK-2004
0451-MAIN-2605	0451-OPS-2707	0451-PACK-2005
0451-MAIN-2607	0451-OPS-2708	0451-PACK-2006
0451-MAIN-2608	0451-OPS-2709	0451-PACK-2007
0451-MAIN-2620	0451-OPS-2710	0451-PACK-2008
0451-MAIN-2621	0451-OPS-2711	0451-PACK-2009
0451-MAIN-2622	0451-OPS-2714	0451-PACK-2010
0451-MAIN-2623	0451-OPS-2715	0451-PACK-2011
0451-MAIN-2624	0451-OPS-2717	0451-RIG-1901
0451-MAIN-2625	0451-OPS-2718	0451-RIG-1902
0451-MAIN-2626	0451-OPS-2719	0451-RIG-1903
0451-MAIN-2640	0451-OPS-2720	0451-RIG-1904
0451-MAIN-2641	0451-OPS-2721	0451-RIG-1905
0451-MAIN-2642	0451-OPS-2722	0451-RIG-2901
0451-MAIN-2645	0451-PACK-1001	0451-RIG-2902
0451-MAIN-2646	0451-PACK-1002	0451-RIG-2903
0451-MAIN-2647	0451-PACK-1003	0451-RIG-2904
0451-MAIN-2648	0451-PACK-1004	0451-RIG-2905
0451-MAIN-2649	0451-PACK-1005	0451-RIG-2911
0451-MAIN-2650		

REFERENCES :

1. MCWP 4-1 Logistics Operations
2. MCWP 4-11 Tactical-Level Logistics
3. MCWP 4-11.3 Transportation Operations

3008. 4000-LEVEL EVENTS

LOG-MAIN-4001: Conduct ground equipment maintenance operations

SUPPORTED MET(S) :

MCT 4.2	MCT 4.2.2.9	MCT 4.2.2.10
MCT 4.2.2		

EVALUATION CODED: NO SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: Maintenance units are capable of providing field level maintenance support for one or more of the equipment commodities.

CONDITION: Given a requirement, personnel, and equipment.

STANDARD: Sustaining operational availability of equipment in accordance with MCWP 4-11.4 Maintenance Operations.

EVENT COMPONENTS:

1. Conduct inspection and classification.
2. Conduct servicing, adjustment, and tuning.

3. Conduct testing and calibration.
4. Conduct repair.
5. Conduct modification.
6. Conduct rebuilding and overhaul.
7. Conduct reclamation.
8. Conduct recovery and evacuation.
9. Establish maintenance support area.
10. Provide marine/waterborne equipment maintenance support.
11. Conduct class VIII (medical/dental) maintenance, as required.
12. Provide maintenance management.

CHAINED EVENTS: LOG-MAIN-3003

REFERENCES:

1. MCWP 4-1 Logistics Operations
2. MCWP 4-11 Tactical-Level Logistics
3. MCWP 4-11.4 Maintenance Operations

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Ground equipment maintenance is performed by multiple occupational fields in addition to the 04 occupational field. In addition to the Logistics T&R Manual, refer to the following T&R manuals for the event components indicated:

NAVMC 3500.6_ Ground Electronics Maintenance T&R Manual (1-9)
NAVMC 3500.12_ Engineers & Utilities T&R Manual (1-10)
NAVMC 3500.33_ Ground Ordnance Maintenance T&R Manual (1-9)
NAVMC 3500.39_ Motor Transport T&R Manual (1-9)

LOG-MAIN-4002: Provide maintenance management

SUPPORTED MET(S): None

EVALUATION CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: Maintenance management is the systematic approach to the maintenance of organizational equipment. There are four principal concerns in maintenance management: command, resources, production, and information. The ability to plan, organize, staff, direct, and control a command's ground equipment maintenance program is the foundation for sustainment in combat. Maintenance management enables commanders to prioritize assets to better accomplish the maintenance mission and thereby improve readiness.

CONDITION: Given a mission, personnel, and equipment.

STANDARD: Coordinating the effective use of maintenance and supply resources in accordance with MCO P4790.1_ MIMMS Introduction Manual.

EVENT COMPONENTS:

1. Manage maintenance administration.
2. Manage maintenance personnel and training.

3. Manage records and reports.
4. Manage maintenance/maintenance management publications control.
5. Monitor equipment availability.
6. Manage maintenance production (PMCS and CM).
7. Integrate supply support.
8. Manage maintenance related programs.

CHAINED EVENTS:

0411-ADMN-1401	0411-OPS-1403	0411-OPS-2402
0411-ADMN-1402	0411-OPS-1404	0411-OPS-2403
0411-ADMN-1403	0411-OPS-1405	0411-OPS-2404
0411-ADMN-2401	0411-OPS-1406	0411-OPS-2405
0411-ADMN-2402	0411-OPS-1407	0411-OPS-2406
0411-OPS-1401	0411-OPS-1408	0411-OPS-2407
0411-OPS-1402	0411-OPS-2401	

REFERENCES:

1. MCO P4790.1_ Introduction to MIMMS
2. MCO P4790.2_ MIMMS Field Procedures Manual
3. MCWP 4-1 Logistics Operations
4. MCWP 4-11 Tactical-Level Logistics
5. MCWP 4-11.4 Maintenance Operations

LOG-OPS-4002: Coordinate logistics support

SUPPORTED MET(S): None

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: The logistics staff officer (J-4/G-4/S-4) is the commander's principal assistant for logistics and the focal point for policy formation and overall logistic coordination within the organization and between the organization and supported and/or supporting commands. Logistic officers coordinate logistic planning and operations. These officers also initiate and maintain continuous liaison with other organizational elements, higher headquarters, other Services, and allied forces throughout the planning and execution of military operations.

CONDITION: Given a requirement, personnel and equipment.

STANDARD: Ensuring equipment and personnel sustainment IAW the unit's concept of support and mission accomplishment.

EVENT COMPONENTS:

1. Coordinate transportation requirements.
2. Coordinate embarkation requirements.
3. Coordinate maintenance management functions.
4. Coordinate facilities requirements.
5. Coordinate supply support requirements.
6. Coordinate engineering support.
7. Coordinate Arms Ammunition and Explosives (AA&E) functions/support.
8. Coordinate health services support.

9. Coordinate food service support.
10. Coordinate remain/left behind equipment (RBE/LBE).
11. Monitor safety/environmental compliance programs.
12. Coordinate requirements beyond organic capabilities with external agencies.
13. Provide input to common operational picture.
14. Maintain logistics mission status.
15. Provide logistics status reports.

CHAINED EVENTS:

LOG-ELI-2501	LOG-ELI-2510	LOG-ELI-2518
LOG-ELI-2503	LOG-ELI-2511	LOG-ELI-2520
LOG-ELI-2506	LOG-ELI-2512	LOG-ELI-2521
LOG-ELI-2507	LOG-ELI-2514	LOG-ELI-2522
LOG-ELI-2509	LOG-ELI-2517	

REFERENCES:

1. FMFM 3-1 Command and Staff Action
2. JP 0-2 Unified Action Armed Forces (UNAAF)
3. JP 3-02 Joint Doctrine for Amphibious Operations
4. MCDP 4 Logistics
5. MCO 8010.1_ Class V(W) Planning Factors for Fleet Marine Force Combat Operations
6. MCO P4400.150_ Consumer Level Supply Policy Manual
7. MCO P4790.2_ MIMMS Field Procedures Manual
8. MCO P5090.2_ Environmental Compliance and Protection Manual
9. MCO P8020.10_ Marine Corps Ammunition Management and Explosives Safety Program
10. MCRP 5-12A Operational Terms and Graphics
11. MCWP 3-17 Engineering Operations
12. MCWP 3-21.1 Aviation Ground Support
13. MCWP 3-31.5 Ship-to-Shore Movement
14. MCWP 3-32 Maritime Pre-positioning Force Operations
15. MCWP 4-1 Logistics Operations
16. MCWP 4-11 Tactical-Level Logistics
17. MCWP 4-11.1 Health Service Support Operations
18. MCWP 4-11.3 Transportation Operations
19. MCWP 4-11.4 Maintenance Operations
20. MCWP 4-11.6 Petroleum and Water Logistics Operations
21. MCWP 4-11.7 MAGTF Supply Operations
22. MCWP 4-11.8 Services in an Expeditionary Environment
23. MCWP 5-1 Marine Corps Planning Process (MCPPE)
24. NATICK PAM 30-25 Operational Rations
25. TM 11240-15/4 Motor Transport Technical Characteristics
26. TM 11275-15/3D Principal Technical Characteristics of U.S. Marine Corps Engineer Equipment
27. T/O&E Table of Organization and Equipment

LOG-SVC-4001: Provide services support

SUPPORTED MET(S):

MCT 4.6 MCT 4.6.1

EVALUATION CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: The services function provides for the effective administration, management, and employment of military organizations. Services subfunctions are essentially administrative in nature. These are categorized as either command services, which are services provided to Marines by their individual commands, or CSS services, which are services provided by a CSS unit.

CONDITION: Given a requirement, personnel, and equipment.

STANDARD: Providing command and combat service support services in accordance with MCWP 4-11.8 Services in an Expeditionary Environment.

EVENT COMPONENTS:

1. Provide personnel administration support.
2. Provide religious ministries support.
3. Provide financial management support.
4. Provide communications.
5. Provide billeting.
6. Provide messing.
7. Provide band support.
8. Provide disbursing support.
9. Provide postal services.
10. Provide exchange services.
11. Provide security support.
12. Provide legal services support.
13. Provide civil affairs support.
14. Provide personnel recovery support.

CHAINED EVENTS: LOG-SVC-5002

REFERENCES:

1. MCWP 4-1 Logistics Operations
2. MCWP 4-11 Tactical-Level Logistics
3. MCWP 4-11.8 Services in an Expeditionary Environment

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Services are performed by multiple occupational fields in addition to the 04 occupational field. In addition to the Logistics T&R Manual, refer to the following T&R manuals for the event components indicated:

NAVMC 3500.3_ Personnel Administration T&R Manual (1, 9)
NAVMC 3500.13_ MCCS T&R Manual (10)
NAVMC 3500.28_ Music T&R Manual (7)
NAVMC 3500.35_ Food Services T&R Manual (6)
NAVMC 3500.56_ Communications T&R Manual (4)
NAVMC 3500.69_ Financial Management T&R Manual (3, 8)
NAVMC 3500.82_ Legal Services T&R Manual (12)
NAVMC 3500.85_ Religious Ministries T&R Manual (2)

LOG-SVC-4002: Provide PRP collection point operations

SUPPORTED MET(S):

MCT 4.6.5.1 MCT 4.6.5.5

EVALUATION CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: A PRP collection point is a point designated for the assembly of personnel casualties, stragglers, disabled materiel, salvage, etc., for further movement to collecting stations or rear installations.

CONDITION: Given a mission, personnel, and equipment.

STANDARD: Providing technical assistance for the acceptance and disposition of remains in accordance with JP 4-06 Mortuary Affairs.

EVENT COMPONENTS:

1. Complete PRP administrative requirements.
2. Maintain MARTS.
3. Supervise administrative requirements.
4. Supervise preventive maintenance program on equipment.
5. Process remains, portions, and personal effects.
6. Decontaminate remains, portions, and effects.
7. Supervise MACP operations.
8. Supervise TMEP operations.
9. Supervise MADCP operations.

CHAINED EVENTS:

0471-ADMN-1101	0471-ADMN-2601	0471-OPS-2701
0471-ADMN-1102	0471-OPS-1705	0471-OPS-2703
0471-ADMN-2101	0471-OPS-1706	0471-OPS-2704

REFERENCES:

1. DODD 1300.22 Mortuary Affairs Policy
2. DTR 4500.9-R, Part VII, Human Remains Movement
3. JP 4-06 Mortuary Affairs
4. MCWP 4-1 Logistics Operations
5. MCWP 4-11 Tactical-Level Logistics
6. MCWP 4-11.8 Services in an Expeditionary Environment

LOG-SVC-4003: Provide PRP search and recovery operations

SUPPORTED MET(S):

MCT 4.6.5.2 MCT 4.6.5.5

EVALUATION CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: The Marine Corps PRP Company provides S&R teams in support of units within the Marine Corps operational area.

CONDITION: Given a mission, personnel, and equipment.

STANDARD: Recovering remains, portions, and disassociated effects; and documenting the recovery process and recovered remains, portions, and disassociated effects in accordance with JP 4-06 Mortuary Affairs.

EVENT COMPONENTS:

1. Complete PRP administrative requirements.
2. Maintain MARTS.
3. Supervise administrative requirements.
4. Perform search and recovery mission.
5. Operate extraction equipment.
6. Perform interment.
7. Perform disinterment.
8. Process remains, portions, and personal effects.
9. Decontaminate remains, portions, and effects.
10. Supervise search and recovery operations.

CHAINED EVENTS:

0471-ADMN-1101	0471-OPS-1702	0471-OPS-1705
0471-ADMN-1102	0471-OPS-1703	0471-OPS-1706
0471-ADMN-2101	0471-OPS-1704	0471-OPS-2702
0471-OPS-1701		

REFERENCES:

1. DODD 1300.22 Mortuary Affairs Policy
2. DTR 4500.9-R, Part VII, Human Remains Movement
3. JP 4-06 Mortuary Affairs
4. MCWP 4-1 Logistics Operations
5. MCWP 4-11 Tactical-Level Logistics
6. MCWP 4-11.8 Services in an Expeditionary Environment

LOG-SVC-4004: Provide interment/disinterment operations

SUPPORTED MET(S): MCT 4.6.5.3

EVALUATION CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: Policy as stated in DODD 1300.22, Mortuary Affairs Policy, is that the human remains of all members of the Armed forces of the United States will be returned for permanent disposition in accordance with the decedent's will or the laws of the state (territory, possession, or country) of the decedent's legal residence as directed by the PADD. When military necessity or other factors prevent evacuation of human remains, the remains may be kept in refrigerated storage or temporarily interred according to established procedures. Disinterment may commence when evacuation of human remains is operationally acceptable.

CONDITION: Given a mission, personnel, and equipment.

STANDARD: Safeguarding remains and handling remains with reverence, care, priority, and dignity in accordance with JP 4-06 Mortuary Affairs.

EVENT COMPONENTS:

1. Complete PRP administrative requirements.
2. Maintain MARTS.
3. Supervise administrative requirements.
4. Supervise preventive maintenance program on equipment.
5. Operate extraction equipment.
6. Perform interment.
7. Perform disinterment.
8. Process remains, portions, and personal effects.
9. Decontaminate remains, portions, and effects.
10. Supervise interment operations.
11. Supervise disinterment operations.

CHAINED EVENTS:

0471-ADMN-1101	0471-OPS-1702	0471-OPS-1706
0471-ADMN-1102	0471-OPS-1703	0471-OPS-2705
0471-ADMN-2101	0471-OPS-1704	0471-OPS-2706
0471-MAIN-2601	0471-OPS-1705	

REFERENCES:

1. DODD 1300.22 Mortuary Affairs Policy
2. DTR 4500.9-R, Part VII, Human Remains Movement
3. JP 4-06 Mortuary Affairs
4. MCWP 4-1 Logistics Operations
5. MCWP 4-11 Tactical-Level Logistics
6. MCWP 4-11.8 Services in an Expeditionary Environment

LOG-SVC-4005: Provide fatality/mass casualty operations

SUPPORTED MET(S): MCT 4.6.5.4

EVALUATION CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: Geographical combatant commanders (GCCs) are responsible for the proper execution of personnel recovery when fatality/mass casualty events occur within their AOR. This may include coordinating the supervision and execution of matters pertaining to the search for, recovery, and evacuation of human remains to a military mortuary, either within their AOR or in the U.S., and for the collection and processing of the personal effects of the dead.

CONDITION: Given a mission, personnel, and equipment.

STANDARD: Recovering remains and handling remains with reverence, care, priority, and dignity in accordance with JP 4-06 Mortuary Affairs.

EVENT COMPONENTS:

1. Complete PRP administrative requirements.
2. Maintain MARTS.
3. Supervise administrative requirements.
4. Perform search and recovery mission.
5. Operate extraction equipment.
6. Process remains, portions, and personal effects.

7. Decontaminate remains, portions, and effects.
8. Supervise search and recovery operations.

CHAINED EVENTS:

0471-ADMN-1101	0471-OPS-1701	0471-OPS-1706
0471-ADMN-1102	0471-OPS-1702	0471-OPS-2702
0471-ADMN-2101	0471-OPS-1705	

REFERENCES:

1. MCWP 4-1 Logistics Operations
 2. MCWP 4-11 Tactical-Level Logistics
 3. MCWP 4-11.8 Services in an Expeditionary Environment
 4. JP 4-06 Mortuary Affairs
 5. DODD 1300.22 Mortuary Affairs Policy
 6. DTR 4500.9-R, Part VII, Human Remains Movement
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LOG-SVC-4006: Provide temporary theater level mortuary affairs support operations

SUPPORTED MET(S): MCT 4.6.5.6

EVALUATION CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: While the Marine Corps PRP Company is not intended to be used for theater-level support in a multi-Service theater of operation, it is capable of providing temporary theater level mortuary affairs support operations until relieved.

CONDITION: Given a mission, personnel, and equipment.

STANDARD: Providing for the care and disposition of missing and deceased personnel, including personnel effects, within the entire theater in accordance with JP 4-06 Mortuary Affairs.

EVENT COMPONENTS:

1. Complete PRP administrative requirements.
2. Maintain MARTS.
3. Supervise administrative requirements.
4. Process remains, portions, and personal effects.
5. Decontaminate remains, portions, and effects.
6. Supervise TMEP operations.

CHAINED EVENTS:

0471-ADMN-1101	0471-ADMN-2101	0471-OPS-1706
0471-ADMN-1102	0471-OPS-1705	0471-OPS-2703

REFERENCES:

1. DODD 1300.22 Mortuary Affairs Policy
2. DTR 4500.9-R, Part VII, Human Remains Movement
3. JP 4-06 Mortuary Affairs
4. MCWP 4-1 Logistics Operations
5. MCWP 4-11 Tactical-Level Logistics

6. MCWP 4-11.8 Services in an Expeditionary Environment

LOG-TRAN-4001: Conduct transportation operations

SUPPORTED MET(S): MCT 4.3

EVALUATION CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: Transportation is movement from one location to another by using highways, railroads, waterways, pipelines, oceans, and air. Transportation is needed to put combat power (personnel and materiel) in the correct locations at the proper times to start and maintain operations. Any major disruption of transportation support can adversely affect a MAGTF's capability to support and execute the assigned mission.

CONDITION: Given a requirement, personnel, and equipment.

STANDARD: Moving personnel and materiel in accordance with MCWP 4-11.3 Transportation Operations.

EVENT COMPONENTS:

1. Conduct embarkation support.
2. Conduct landing support operations.
3. Conduct port and terminal support.
4. Conduct motor transport operations.
5. Conduct air delivery operations.
6. Provide freight/passenger transportation operations.
7. Conduct materials handling support operations.
8. Conduct prepositioning operations.
9. Control movement.

CHAINED EVENTS:

LOG-TRAN-3002	LOG-TRAN-3004	LOG-TRAN-3005
LOG-TRAN-3003		

REFERENCES:

1. MCWP 4-1 Logistics Operations
2. MCWP 4-11 Tactical-Level Logistics
3. MCWP 4-11.3 Transportation Operations

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Transportation is performed by multiple occupational fields in addition to the 04 occupational field. In addition to the Logistics T&R Manual, refer to the following T&R manuals for the event components indicated:

NAVMC 3500.12_ Engineers & Utilities T&R Manual (7)
NAVMC 3500.25_ DMO T&R Manual (6, 7)
NAVMC 3500.39_ Motor Transport T&R Manual (4)

LOG-TRAN-4002: Conduct embarkation support

SUPPORTED MET(S):

MCT 1.2.3.1 MCT 4.3.1

EVALUATION CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: Embarkation is the process of putting personnel and/or vehicles and their associated stores and equipment into ships and/or aircraft. A characteristic of successful operations is the rapid and effective manner in which a MAGTF can establish itself ashore. The MAGTF must expand its power and size to the maximum in the shortest possible time. This requires a rapid and orderly buildup of personnel and material. The ability to do this depends largely on the manner in which the MAGTF has loaded its transportation vessels/assets for the deployment. Proper loading increases the flexibility of the MAGTF.

CONDITION: Given a requirement, personnel, and equipment.

STANDARD: Supporting MAGTF operations in accordance with MCRP 4.11.3G Unit Embarkation Handbook.

EVENT COMPONENTS:

1. Track unit assets.
2. Certify materiel for shipment.
3. Coordinate unit marshaling operations.
4. Prepare materiel for shipment.
5. Prepare load plans.
6. Load equipment.
7. Coordinate unit move transportation.
8. Manage unit embarkation readiness.

CHAINED EVENTS:

0431-EXCU-1301	0431-EXCU-2809	0431-LOGR-2504
0431-EXCU-2301	0431-EXCU-2810	0431-LOGR-2505
0431-EXCU-2302	0431-LOGR-1501	0431-LOGR-2506
0431-EXCU-2303	0431-LOGR-1502	0431-PLAN-1801
0431-EXCU-2304	0431-LOGR-1803	0431-PLAN-2801
0431-EXCU-2305	0431-LOGR-2501	0431-PLAN-2802
0431-EXCU-2306	0431-LOGR-2502	0431-PLAN-2803
0431-EXCU-2307	0431-LOGR-2503	0431-PLAN-2804
0431-EXCU-2708		

REFERENCES:

1. MCWP 4-1 Logistics Operations
2. MCWP 4-11 Tactical-Level Logistics
3. MCWP 4-11.3 Transportation Operations
4. MCRP 4-11.G Unit Embarkation Handbook

LOG-TRAN-4003: Conduct landing support operations

SUPPORTED MET(S): MCT 4.3.9

EVALUATION CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: Landing support is the assistance provided to effect the efficient and responsive throughput of personnel, supplies, and equipment during the ship-to-shore movement phase of the amphibious assault or across beaches in support of operations ashore. It includes control of the flow of personnel and material across the beach and into landing zones. Landing support does not end when the MAGTF completes the assault. It continues through landing of the assault follow-on echelons (AFOEs). Landing support also includes the evacuation of casualties and enemy prisoners of war (EPWs) during the early stages of the assault.

CONDITION: Given a requirement, personnel, and equipment.

STANDARD: Controlling the flow of personnel and materiel in accordance with MCWP 4-11.3 Transportation Operations.

EVENT COMPONENTS:

1. Conduct beach operations.
2. Conduct LFSP operations.

CHAINED EVENTS:

LOG-TRAN-3010 LOG-TRAN-5008

REFERENCES:

1. MCRP 3-31.1A Employment of Landing Craft Air Cushion (LCAC)
2. MCRP 4-11C Combat Cargo Operations Handbook
3. MCRP 4-11.3D/NWP 22.5 The Naval Beach Group
4. MCRP 4-11.3F Convoy Operations Handbook
5. MCRP 4-11.3G Unit Embarkation Handbook
6. MCWP 3-31.5 Ship-to-Shore Movement
7. MCWP 3-32 Maritime Prepositioning Force Operations
8. MCWP 4-1 Logistics Operations
9. MCWP 4-11 Tactical-Level Logistics
10. MCWP 4-11.3 Transportation Operations
11. MCWP 4-11.6 Petroleum and Water Logistics Operations
12. MCWP 4-12 Operational-Level Logistics

LOG-TRAN-4004: Conduct port and terminal support

SUPPORTED MET(S):

MCT 4.3.2	MCT 4.3.2.3	MCT 4.3.5.1
MCT 4.3.2.1	MCT 4.3.2.4	MCT 4.3.8
MCT 4.3.2.2	MCT 4.3.5	

EVALUATION CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: Whereas port operations are specific to the loading and unloading of ships, terminal operations encompass any or all modes of transportation (air, rail, water, land, pipeline) and throughput procedures. Port operations form a doctrinally identified subset of terminal operations.

CONDITION: Given a requirement, personnel, and equipment.

STANDARD: Supporting throughput of personnel and materiel in accordance with MCWP 4-11.3 Transportation Operations.

EVENT COMPONENTS:

1. Receive passengers.
2. Receive cargo.
3. Process passengers.
4. Provide transit storage for cargo.
5. Stage passengers.
6. Marshal cargo.
7. Load ships/aircraft.
8. Unload ships/aircraft.
9. Manifest/forward cargo/passengers to destination.

CHAINED EVENTS:

LOG-TRAN-5006	0430-PLAN-2211	0481-OPS-1402
LOG-TRAN-3009	0431-PLAN-1801	0481-OPS-1403
LOG-TRAN-3008	0431-PLAN-2802	0481-OPS-1405
0430-PLAN-2207	0431-PLAN-2803	0481-PLAN-2702
0430-PLAN-2208	0431-PLAN-2804	0481-PLAN-2704
0430-PLAN-2209	0481-ADMN-2401	0481-PLAN-2705
0430-PLAN-2210		

REFERENCES:

1. MCWP 4-1 Logistics Operations
2. MCWP 4-11 Tactical-Level Logistics
3. MCWP 4-11.3 Transportation Operations

LOG-TRAN-4005: Conduct air delivery operations

SUPPORTED MET(S): MCT 4.3.4

EVALUATION CODED: YES

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: Air delivery is the in-flight delivery of specially rigged equipment and supplies to land-based combat forces. It is performed by either fixed-wing or rotary-wing aircraft. Air delivery is a combat service support sub-function and is normally coordinated by the logistics combat element. The logistics combat element commander determines if air delivery is the appropriate mode of transportation. The conduct of air delivery operations is performed by multiple units in different roles, as articulated in the different event components/chained events.

CONDITION: Given a requirement, personnel, and equipment.

STANDARD: Ensuring delivery of specially rigged equipment and supplies without damage to materiel or injury to personnel in accordance with MCWP 4-11.3 Transportation Operations.

EVENT COMPONENTS:

1. Coordinate air delivery operations.
2. Provide airlift support to air delivery operations.
3. Support air delivery operations.
4. Receive airdropped materiel.

CHAINED EVENTS:

LOG-TRAN-3011	LOG-TRAN-3013	LOG-TRAN-4007
LOG-TRAN-3012	LOG-TRAN-3014	

REFERENCES:

1. MCWP 4-1 Logistics Operations
 2. MCWP 4-11 Tactical-Level Logistics
 3. MCWP 4-11.3 Transportation Operations
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LOG-TRAN-4006: Conduct materials handling support operations

SUPPORTED MET(S): MCT 4.3.6

EVALUATION CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: Materials handling is the movement of materials to, through, and from productive processes; in warehouses, and storage; and in receiving and shipping areas. Effective use of available materials handling equipment (MHE) is essential to movement control and maintaining the throughput of supplies and equipment.

CONDITION: Given a requirement, personnel, and equipment.

STANDARD: Supporting movement control and maintaining the throughput of materiel in accordance with MCWP 4-11.3 Transportation Operations.

EVENT COMPONENTS:

1. Receive materials
2. Move materials
3. Ship materials

REFERENCES:

1. MCWP 4-1 Logistics Operations
2. MCWP 4-11 Tactical-Level Logistics
3. MCWP 4-11.3 Transportation Operations

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Materials handling are performed by a number of occupational fields and military operational specialties, including, but not limited to, ground supply, embarkation, distribution management, ammunition, etc. Individual training events that support the event components of this collective training event are located in the MOS-specific chapters in the appropriate T&R manuals.

LOG-TRAN-4007: Support air delivery operations

SUPPORTED MET(S): MCT 4.3.4

EVALUATION CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: The Marine Corps' primary air delivery unit is the air delivery platoon. The air delivery platoon's mission is to receive, store, repair, and rig selected supplies and equipment for airdrop from either Marine Corps of Air Force aircraft.

CONDITION: Given a requirement, personnel, and equipment.

STANDARD: Ensuring delivery of specially rigged equipment and supplies without damage to materiel or injury to personnel in accordance with MCWP 4-11.3 Transportation Operations.

EVENT COMPONENTS:

1. Receive materiel from airdrop.
2. Store materiel for airdrop.
3. Prepare materiel for airdrop.
4. Perform maintenance on airdrop equipment.
5. Inspect/certify airdrop equipment, as required.
6. Provide supervision on the operation of drop zones.
7. Provide evacuation of airdropped equipment from drop zones.
8. Inspect airdropped loads.
9. Assist other units involved in parachute operations, if necessary.
10. Provide auxiliary personnel to aid flight crews in the performance of the airdrop mission, if necessary.

CHAINED EVENTS:

0451-ADMN-2101	0451-MAIN-2651	0451-PACK-1006
0451-ADMN-2102	0451-MAIN-2652	0451-PACK-1007
0451-ADMN-2103	0451-MAIN-2653	0451-PACK-1008
0451-ADMN-2104	0451-MAIN-2654	0451-PACK-1009
0451-MAIN-1601	0451-OPS-1701	0451-PACK-1010
0451-MAIN-1602	0451-OPS-1702	0451-PACK-1011
0451-MAIN-1603	0451-OPS-1703	0451-PACK-1012
0451-MAIN-1604	0451-OPS-1704	0451-PACK-1013
0451-MAIN-1605	0451-OPS-1705	0451-PACK-1014
0451-MAIN-1606	0451-OPS-1706	0451-PACK-1015
0451-MAIN-1607	0451-OPS-2701	0451-PACK-1016
0451-MAIN-1608	0451-OPS-2702	0451-PACK-1018
0451-MAIN-2601	0451-OPS-2703	0451-PACK-2001
0451-MAIN-2602	0451-OPS-2704	0451-PACK-2002
0451-MAIN-2603	0451-OPS-2705	0451-PACK-2003
0451-MAIN-2604	0451-OPS-2706	0451-PACK-2004
0451-MAIN-2605	0451-OPS-2707	0451-PACK-2005
0451-MAIN-2607	0451-OPS-2708	0451-PACK-2006
0451-MAIN-2608	0451-OPS-2709	0451-PACK-2007
0451-MAIN-2620	0451-OPS-2710	0451-PACK-2008
0451-MAIN-2621	0451-OPS-2711	0451-PACK-2009
0451-MAIN-2622	0451-OPS-2714	0451-PACK-2010
0451-MAIN-2623	0451-OPS-2715	0451-PACK-2011

0451-MAIN-2624	0451-OPS-2717	0451-RIG-1901
0451-MAIN-2625	0451-OPS-2718	0451-RIG-1902
0451-MAIN-2626	0451-OPS-2719	0451-RIG-1903
0451-MAIN-2640	0451-OPS-2720	0451-RIG-1904
0451-MAIN-2641	0451-OPS-2721	0451-RIG-1905
0451-MAIN-2642	0451-OPS-2722	0451-RIG-2901
0451-MAIN-2645	0451-PACK-1001	0451-RIG-2902
0451-MAIN-2646	0451-PACK-1002	0451-RIG-2903
0451-MAIN-2647	0451-PACK-1003	0451-RIG-2904
0451-MAIN-2648	0451-PACK-1004	0451-RIG-2905
0451-MAIN-2649	0451-PACK-1005	0451-RIG-2911
0451-MAIN-2650		

REFERENCES:

1. MCWP 4-1 Logistics Operations
 2. MCWP 4-11 Tactical-Level Logistics
 3. MCWP 4-11.3 Transportation Operations
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LOG-TRAN-4008: Conduct beach operations

SUPPORTED MET(S): MCT 4.3.9

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: The beach is the area extending from the shoreline inland to a marked change in physiographic form or material, or to the line of permanent vegetation (coastline). In amphibious operations, beach operations support the debarking of troops and equipment in the transport area. Beach operations support the initial landing and unloading period, providing rapid build-up of combat forces ashore and quick response to landing force requirements.

CONDITION: Given personnel, equipment, landing craft, vessels, cargo, PPE, a beach, and DOD-ITV access.

STANDARD: Ensuring supplies and equipment are loaded/offloaded in serviceable condition and with 100% accountability.

EVENT COMPONENTS:

1. Direct passenger movement.
2. Report onload/offload status of personnel and equipment.
3. Conduct beach reconnaissance.
4. Setup up beach landing zone.
5. Establish communications.
6. Establish staging/call forward area.
7. Employ ITV.
8. Direct equipment movement.
9. Assign responsibilities.
10. Identify beach landing zone(s).

CHAINED EVENTS:

0481-ADMN-2401	0481-OPS-1404	0481-PLAN-2703
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REFERENCES :

1. MCRP 3-31B Amphibious Ships and Landing Craft
2. MCRP 3-31.1A Employment of Landing Craft Air Cushion (LCAC)
3. MCRP 4-11C Combat Cargo Operations Handbook
4. MCRP 4-11.3D/NWP 22.5 The Naval Beach Group
5. MCRP 4-11.3F Convoy Operations Handbook
6. MCRP 4-11.3G Unit Embarkation Handbook
7. MCWP 3-31.5 Ship-to-Shore Movement
8. MCWP 3-31.5/FMFM 1-8 Ship-to-Shore Movement
9. MCWP 3-31B Amphibious Ships and Landing Craft Data Book
10. MCWP 3-32 Maritime Pre-positioning Force (MPF) Operations
11. MCWP 4-1 Logistics Operations
12. MCWP 4-11 Tactical-Level Logistics
13. MCWP 4-11.3 Transportation Operations
14. MCWP 4-12 Operational-Level Logistics

3009. 3000-LEVEL EVENTS

LOG-MAIN-3001: Conduct ground equipment maintenance operations

SUPPORTED MET(S) :

MCT 4.2	MCT 4.2.2.9	MCT 4.2.2.10
MCT 4.2.2		

EVALUATION CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: Maintenance units are capable of providing field level maintenance support for one or more of the equipment commodities.

CONDITION: Given a requirement, personnel, and equipment.

STANDARD: Sustaining operational availability of equipment in accordance with MCWP 4-11.4 Maintenance Operations.

EVENT COMPONENTS:

1. Conduct inspection and classification.
2. Conduct servicing, adjustment, and tuning.
3. Conduct testing and calibration.
4. Conduct repair.
5. Conduct modification.
6. Conduct rebuilding and overhaul.
7. Conduct reclamation.
8. Conduct recovery and evacuation.
9. Establish maintenance support area.
10. Provide marine/waterborne equipment maintenance support.
11. Conduct class VIII (medical/dental) maintenance, as required.
12. Provide maintenance management.

CHAINED EVENTS: LOG-MAIN-3003

REFERENCES :

- ## 1. MCWP 4-1 Logistics Operations

2. MCWP 4-11 Tactical-Level Logistics
3. MCWP 4-11.4 Maintenance Operations

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Ground equipment maintenance is performed by multiple occupational fields in addition to the 04 occupational field. In addition to the Logistics T&R Manual, refer to the following T&R manuals for the event components indicated:

NAVMC 3500.6_ Ground Electronics Maintenance T&R Manual (1-9)
NAVMC 3500.12_ Engineers & Utilities T&R Manual (1-10)
NAVMC 3500.33_ Ground Ordnance Maintenance T&R Manual (1-9)
NAVMC 3500.39_ Motor Transport T&R Manual (1-9)

LOG-MAIN-3003: Provide maintenance management

SUPPORTED MET(S): None

EVALUATION CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: Maintenance management is the systematic approach to the maintenance of organizational equipment. There are four principal concerns in maintenance management: command, resources, production, and information. The ability to plan, organize, staff, direct, and control a command's ground equipment maintenance program is the foundation for sustainment in combat. Maintenance management enables commanders to prioritize assets to better accomplish the maintenance mission and thereby improve readiness.

CONDITION: Given a mission, personnel, and equipment.

STANDARD: Coordinating the effective use of maintenance and supply resources in accordance with MCO P4790.1_ MIMMS Introduction Manual.

EVENT COMPONENTS:

1. Manage maintenance administration.
2. Manage maintenance personnel and training.
3. Manage records and reports.
4. Manage maintenance/maintenance management publications control.
5. Monitor equipment availability.
6. Manage maintenance production (PMCS and CM).
7. Integrate supply support.
8. Manage maintenance related programs.

CHAINED EVENTS:

0411-ADMN-1401	0411-OPS-1403	0411-OPS-2402
0411-ADMN-1402	0411-OPS-1404	0411-OPS-2403
0411-ADMN-1403	0411-OPS-1405	0411-OPS-2404
0411-ADMN-2401	0411-OPS-1406	0411-OPS-2505
0411-ADMN-2402	0411-OPS-1407	0411-OPS-2406
0411-OPS-1401	0411-OPS-1408	0411-OPS-2407
0411-OPS-1402	0411-OPS-2401	

REFERENCES:

1. MCWP 4-1 Logistics Operations
 2. MCWP 4-11 Tactical-Level Logistics
 3. MCWP 4-11.4 Maintenance Operations
 4. MCO P4790.1_ Introduction to MIMMS
 5. MCO P4790.2_ MIMMS Field Procedures Manual
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LOG-MAIN-3004: Provide maintenance information system coordination

SUPPORTED MET(S): None

EVALUATION CODED: YES

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: The capability is performed by the MISCO. Expeditionary operations may deploy MISCO capabilities or may reach back to permanent installation MISCO support.

CONDITION: Given a requirement, personnel, MAIS, and equipment.

STANDARD: Supporting functionality of maintenance automated information systems in accordance with MCO P4790.2_ MIMMS Field Procedures Manual.

EVENT COMPONENTS:

1. Determine requirements.
2. Determine capabilities.
3. Plan support.
4. Conduct operations.
5. Manage data.
6. Conduct trend analysis.

REFERENCES:

1. MCWP 4-1 Logistics Operations
 2. MCWP 4-11 Tactical-Level Logistics
 3. MCWP 4-11.4 Maintenance Operations
 4. MCO P4790.2_ MIMMS Field Procedures Manual
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LOG-SVC-3001: Provide services support

SUPPORTED MET(S):

MCT 4.6

MCT 4.6.1

EVALUATION CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: The services function provides for the effective administration, management, and employment of military organizations. Services subfunctions are essentially administrative in nature. These are categorized as either command services, which are services provided to Marines by their individual commands, or CSS services, which are services provided by a CSS unit.

CONDITION: Given a requirement, personnel, and equipment.

STANDARD: Providing command and combat service support services in accordance with MCWP 4-11.8 Services in an Expeditionary Environment.

EVENT COMPONENTS:

1. Provide personnel administration support.
2. Provide religious ministries support.
3. Provide financial management support.
4. Provide communications.
5. Provide billeting.
6. Provide messing.
7. Provide band support.
8. Provide disbursing support.
9. Provide postal services.
10. Provide exchange services.
11. Provide security support.
12. Provide legal services support.
13. Provide civil affairs support.
14. Provide personnel recovery support.

CHAINED EVENTS: LOG-SVC-5002

REFERENCES:

1. MCWP 4-1 Logistics Operations
2. MCWP 4-11 Tactical-Level Logistics
3. MCWP 4-11.8 Services in an Expeditionary Environment

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Services are performed by multiple occupational fields in addition to the 04 occupational field. In addition to the Logistics T&R Manual, refer to the following T&R manuals for the event components indicated:

NAVMC 3500.3_ Personnel Administration T&R Manual (1, 9)
NAVMC 3500.13_ MCCS T&R Manual (10)
NAVMC 3500.28_ Music T&R Manual (7)
NAVMC 3500.35_ Food Services T&R Manual (6)
NAVMC 3500.56_ Communications T&R Manual (4)
NAVMC 3500.69_ Financial Management T&R Manual (3, 8)
NAVMC 3500.82_ Legal Services T&R Manual (12)
NAVMC 3500.85_ Religious Ministries T&R Manual (2)

LOG-TRAN-3001: Conduct transportation operations

SUPPORTED MET(S): MCT 4.3

EVALUATION CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: Transportation is movement from one location to another by using highways, railroads, waterways, pipelines, oceans, and air.

Transportation is needed to put combat power (personnel and materiel) in the correct locations at the proper times to start and maintain operations. Any major disruption of transportation support can adversely affect a MAGTF's capability to support and execute the assigned mission.

CONDITION: Given a requirement, personnel, and equipment.

STANDARD: Moving personnel and materiel in accordance with MCWP 4-11.3 Transportation Operations.

EVENT COMPONENTS:

1. Conduct embarkation support.
2. Conduct landing support operations.
3. Conduct port and terminal support.
4. Conduct motor transport operations.
5. Conduct air delivery operations.
6. Provide freight/passenger transportation operations.
7. Conduct materials handling support operations.
8. Conduct prepositioning operations.
9. Control movement.

CHAINED EVENTS:

LOG-TRAN-3002	LOG-TRAN-3004	LOG-TRAN-3006
LOG-TRAN-3003	LOG-TRAN-3005	

REFERENCES:

1. MCWP 4-1 Logistics Operations
2. MCWP 4-11 Tactical-Level Logistics
3. MCWP 4-11.3 Transportation Operations

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Transportation is performed by multiple occupational fields in addition to the 04 occupational field. In addition to the Logistics T&R Manual, refer to the following T&R manuals for the event components indicated:

NAVMC 3500.12_ Engineers & Utilities T&R Manual (7)
NAVMC 3500.25_ DMO T&R Manual (6, 7)
NAVMC 3500.39_ Motor Transport T&R Manual (4)

LOG-TRAN-3002: Conduct embarkation support

SUPPORTED MET(S):

MCT 1.2.3.1 MCT 4.3.1

EVALUATION CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: Embarkation is the process of putting personnel and/or vehicles and their associated stores and equipment into ships and/or aircraft. A characteristic of successful operations is the rapid and effective manner in which a MAGTF can establish itself ashore. The MAGTF must expand its power

and size to the maximum in the shortest possible time. This requires a rapid and orderly buildup of personnel and material. The ability to do this depends largely on the manner in which the MAGTF has loaded its transportation vessels/assets for the deployment. Proper loading increases the flexibility of the MAGTF.

CONDITION: Given a requirement, personnel, and equipment.

STANDARD: Supporting MAGTF operations in accordance with MCRP 4.11.3G Unit Embarkation Handbook.

EVENT COMPONENTS:

1. Track unit assets.
2. Certify materiel for shipment.
3. Coordinate unit marshaling operations.
4. Prepare materiel for shipment.
5. Prepare load plans.
6. Load equipment.
7. Coordinate unit move transportation.
8. Manage unit embarkation readiness.

CHAINED EVENTS:

0431-EXCU-1301	0431-EXCU-2809	0431-LOGR-2504
0431-EXCU-2301	0431-EXCU-2810	0431-LOGR-2505
0431-EXCU-2302	0431-LOGR-1501	0431-LOGR-2506
0431-EXCU-2303	0431-LOGR-1502	0431-PLAN-1801
0431-EXCU-2304	0431-LOGR-1803	0431-PLAN-2801
0431-EXCU-2305	0431-LOGR-2501	0431-PLAN-2802
0431-EXCU-2306	0431-LOGR-2502	0431-PLAN-2803
0431-EXCU-2307	0431-LOGR-2503	0431-PLAN-2804
0431-EXCU-2708		

REFERENCES:

1. MCWP 4-1 Logistics Operations
2. MCWP 4-11 Tactical-Level Logistics
3. MCWP 4-11.3 Transportation Operations
4. MCRP 4-11.G Unit Embarkation Handbook

LOG-TRAN-3003: Conduct landing support operations

SUPPORTED MET(S): MCT 4.3.9

EVALUATION CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: Landing support is the assistance provided to effect the efficient and responsive throughput of personnel, supplies, and equipment during the ship-to-shore movement phase of the amphibious assault or across beaches in support of operations ashore. It includes control of the flow of personnel and material across the beach and into landing zones. Landing support does not end when the MAGTF completes the assault. It continues through landing of the assault follow-on echelons (AFOEs). Landing support also includes the evacuation of casualties and enemy prisoners of war (EPWs)

during the early stages of the assault.

CONDITION: Given a requirement, personnel, and equipment.

STANDARD: Controlling the flow of personnel and materiel in accordance with MCWP 4-11.3 Transportation Operations.

EVENT COMPONENTS:

1. Conduct beach operations.
2. Conduct landing force support party (LFSP) operations.

CHAINED EVENTS:

LOG-TRAN-3010 LOG-TRAN-5008

REFERENCES:

13. MCRP 3-31.1A Employment of Landing Craft Air Cushion (LCAC)
14. MCRP 4-11C Combat Cargo Operations Handbook
15. MCRP 4-11.3D/NWP 22.5 The Naval Beach Group
16. MCRP 4-11.3F Convoy Operations Handbook
17. MCRP 4-11.3G Unit Embarkation Handbook
18. MCWP 3-31.5 Ship-to-Shore Movement
19. MCWP 3-32 Maritime Prepositioning Force Operations
20. MCWP 4-1 Logistics Operations
21. MCWP 4-11 Tactical-Level Logistics
22. MCWP 4-11.3 Transportation Operations
23. MCWP 4-11.6 Petroleum and Water Logistics Operations
24. MCWP 4-12 Operational-Level Logistics

LOG-TRAN-3004: Conduct port and terminal support

SUPPORTED MET(S):

MCT 4.3.2	MCT 4.3.2.3	MCT 4.3.5.1
MCT 4.3.2.1	MCT 4.3.2.4	MCT 4.3.8
MCT 4.3.2.2	MCT 4.3.5	

EVALUATION CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: Whereas port operations are specific to the loading and unloading of ships, terminal operations encompass any or all modes of transportation (air, rail, water, land, pipeline) and throughput procedures. Port operations form a doctrinally identified subset of terminal operations.

CONDITION: Given a requirement, personnel, and equipment.

STANDARD: Supporting throughput of personnel and materiel in accordance with MCWP 4-11.3 Transportation Operations.

EVENT COMPONENTS:

1. Receive passengers.
2. Receive cargo.
3. Process passengers.
4. Provide transit storage for cargo.

5. Stage passengers.
6. Marshal cargo.
7. Load ships/aircraft.
8. Unload ships/aircraft.
9. Manifest/forward cargo/passengers to destination.

CHAINED EVENTS:

LOG-TRAN-5006	0430-PLAN-2211	0481-OPS-1402
LOG-TRAN-3009	0431-PLAN-1801	0481-OPS-1403
LOG-TRAN-3008	0431-PLAN-2802	0481-OPS-1405
0430-PLAN-2207	0431-PLAN-2803	0481-PLAN-2702
0430-PLAN-2208	0431-PLAN-2804	0481-PLAN-2704
0430-PLAN-2209	0481-ADMN-2401	0481-PLAN-2705
0430-PLAN-2210		

REFERENCES:

1. MCWP 4-1 Logistics Operations
2. MCWP 4-11 Tactical-Level Logistics
3. MCWP 4-11.3 Transportation Operations

LOG-TRAN-3005: Conduct air delivery operations

SUPPORTED MET(S): MCT 4.3.4

EVALUATION CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: Air delivery is the in-flight delivery of specially rigged equipment and supplies to land-based combat forces. It is performed by either fixed-wing or rotary-wing aircraft. Air delivery is a combat service support sub-function and is normally coordinated by the logistics combat element. The logistics combat element commander determines if air delivery is the appropriate mode of transportation. The conduct of air delivery operations is performed by multiple units in different roles, as articulated in the different event components/chained events.

CONDITION: Given a requirement, personnel, and equipment.

STANDARD: Ensuring delivery of specially rigged equipment and supplies without damage to materiel or injury to personnel in accordance with MCWP 4-11.3 Transportation Operations.

EVENT COMPONENTS:

1. Coordinate air delivery operations.
2. Provide airlift support to air delivery operations.
3. Support air delivery operations.
4. Receive airdropped materiel.

CHAINED EVENTS:

LOG-TRAN-3011	LOG-TRAN-3013	LOG-TRAN-3014
LOG-TRAN-3012		

REFERENCES:

1. MCWP 4-1 Logistics Operations
 2. MCWP 4-11 Tactical-Level Logistics
 3. MCWP 4-11.3 Transportation Operations
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LOG-TRAN-3006: Conduct materials handling support operations

SUPPORTED MET(S): MCT 4.3.6

EVALUATION CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: Materials handling is the movement of materials to, through, and from productive processes; in warehouses, and storage; and in receiving and shipping areas. Effective use of available materials handling equipment (MHE) is essential to movement control and maintaining the throughput of supplies and equipment.

CONDITION: Given a requirement, personnel, and equipment.

STANDARD: Supporting movement control and maintaining the throughput of materiel in accordance with MCWP 4-11.3 Transportation Operations.

EVENT COMPONENTS:

1. Receive materials
2. Move materials
3. Ship materials

REFERENCES:

1. MCWP 4-1 Logistics Operations
2. MCWP 4-11 Tactical-Level Logistics
3. MCWP 4-11.3 Transportation Operations

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Materials handling are performed by a number of occupational fields and military operational specialties, including, but not limited to, ground supply, embarkation, distribution management, ammunition, etc. Individual training events that support the event components of this collective training event are located in the MOS-specific chapters in the appropriate T&R manuals.

LOG-TRAN-3007: Conduct HST operations

SUPPORTED MET(S): None

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: The HST's mission is to facilitate the landing and movement of helicopterborne forces, equipment, and supplies to and within the landing zone. Normally, an HST is employed in each landing zone to provide support to units operating in and around that zone. An HST is formed for all

helicopterborne operations. The HST also supports the evacuation of casualties and EPWs.

CONDITION: Given a landing zone, personnel and equipment, load to be lifted and the references.

STANDARD: Supporting lift requirements without injury to personnel or damage to equipment.

EVENT COMPONENTS:

1. Assign responsibilities.
2. Inspect lifting equipment.
3. Clear landing zone.
4. Mark landing zone.
5. Establish communications.
6. Inspect load for lift.
7. Prepare load.
8. Rig load.
9. Conduct lifts/receive load.
10. Retrieve lifting equipment.
11. Submit required reports.

CHAINED EVENTS:

0481-OPS-1401 0481-PLAN-2701

REFERENCES:

1. DOD 4500.9-R (PART I) Defense Transportation Regulation Part I (Passenger Movement)
2. DOD 4500.9-R (PART II) Defense Transportation Regulation Part II (Cargo Movement)
3. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
4. MCO P4600.7_ Marine Corps Transportation Manual
5. MCRP 4-11.3E Multi-service Helicopter Sling Load: Vols I,II and III
6. MCWP 4-11 Tactical-Level Logistics
7. MCWP 4-11.3J Airdrop of Supplies and Equipment: Rigging Airdrop Platform

LOG-TRAN-3008: Perform ALE functions

SUPPORTED MET(S): None

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: The airlift liaison element (ALE) operates at the airhead and coordinates between the deploying unit and the AACG/DACG.

CONDITION: Given an aerial port, personnel and equipment, movement data, personnel and equipment to be moved.

STANDARD: Supporting movement timeline, maintaining safety and accountability.

EVENT COMPONENTS:

1. Conduct liaison with assigned units.
2. Coordinate with external agencies.
3. Coordinate joint inspections.
4. Ensure coordination of movement.
5. Verify ULN accountability.
6. Ensure plane team commander completes required actions.
7. Complete documentation.
8. Complete required reports.

REFERENCES:

1. MCWP 3-2 Aviation Operations
 2. MCWP 3-21.1 Aviation Ground Support
 3. MCWP 3-40.1 Marine Air-Ground Task Force Command and Control
 4. MCWP 4-1 Logistics Operations
 5. MCWP 4-11 Tactical-Level Logistics
 6. MCWP 4-11.3 Transportation Operations
 7. MCWP 4-12 Operational-Level Logistics
-

LOG-TRAN-3009: Perform SLE functions

SUPPORTED MET(S): None

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: The sealift liaison element (SLE) operates at the port and coordinates between the deploying unit and the port operations group (POG).

CONDITION: Given a port, personnel and equipment, movement data, personnel and equipment to be moved.

STANDARD: Supporting movement timeline, maintaining safety and accountability.

EVENT COMPONENTS:

1. Conduct liaison with assigned units.
2. Coordinate with external agencies.
3. Coordinate inspections.
4. Ensure coordination of movement.
5. Verify ULN accountability.
6. Coordinate supercargo requirements.
7. Complete documentation.
8. Complete required reports.

REFERENCES:

1. MCRP 3-31B Amphibious Ships and Landing Craft
2. MCRP 4-11C Combat Cargo Operations Handbook
3. MCWP 3-31.5 Ship-to-Shore Movement
4. MCWP 3-32 Maritime Pre-positioning Force (MPF) Operations
5. MCWP 3-41.1 Rear Area Operations
6. MCWP 4-1 Logistics Operations
7. MCWP 4-11 Tactical-Level Logistics

8. MCWP 4-11.3 Transportation Operations
9. MCWP 4-12 Operational-Level Logistics

LOG-TRAN-3010: Conduct beach operations

SUPPORTED MET(S): MCT 4.3.9

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: The beach is the area extending from the shoreline inland to a marked change in physiographic form or material, or to the line of permanent vegetation (coastline). In amphibious operations, beach operations support the debarking of troops and equipment in the transport area. Beach operations support the initial landing and unloading period, providing rapid build-up of combat forces ashore and quick response to landing force requirements.

CONDITION: Given personnel, equipment, landing craft, vessels, cargo, PPE, a beach, and DOD-ITV access.

STANDARD: Ensuring supplies and equipment are loaded/offloaded in serviceable condition and 100% accountability.

EVENT COMPONENTS:

1. Direct passenger movement.
2. Report onload/offload status of personnel and equipment.
3. Conduct beach reconnaissance.
4. Setup up beach landing zone.
5. Establish communications.
6. Establish staging/call forward area.
7. Employ ITV.
8. Direct equipment movement.
9. Assign responsibilities.
10. Identify beach landing zone(s).

CHAINED EVENTS:

0481-ADMN-2401 0481-OPS-1404 0481-PLAN-2703

REFERENCES:

1. MCRP 3-31B Amphibious Ships and Landing Craft Data Book
 2. MCRP 3-31.1A Employment of Landing Craft Air Cushion (LCAC)
 3. MCRP 4-11C Combat Cargo Operations Handbook
 4. MCRP 4-11.3D/NWP 22.5 The Naval Beach Group
 5. MCRP 4-11.3F Convoy Operations Handbook
 6. MCRP 4-11.3G Unit Embarkation Handbook
 7. MCWP 3-31.5 Ship-to-Shore Movement
 8. MCWP 3-32 Maritime Pre-positioning Force (MPF) Operations
 9. MCWP 4-1 Logistics Operations
 10. MCWP 4-11 Tactical-Level Logistics
 11. MCWP 4-11.3 Transportation Operations
 12. MCWP 4-12 Operational-Level Logistics
-

LOG-TRAN-3011: Receive airdropped materiel

SUPPORTED MET(S): None

EVALUATION CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: The supported unit receives airdropped supplies and equipment. The supported unit's responsibilities are covered in this event.

CONDITION: Given a requirement, personnel, and equipment.

STANDARD: Ensuring receipt of airdropped equipment and supplies without damage to materiel or injury to personnel in accordance with MCWP 4-11.3 Transportation Operations.

EVENT COMPONENTS:

1. Identify type/quantity of supplies required.
2. Request resupply.
3. Select drop zone.
4. Mark drop zone.
5. Operate drop zone.
6. Recover airdropped materiel from drop zone.
7. Recover air delivery equipment.
8. Stage air delivery equipment.
9. Safeguard air delivery equipment.
10. Evacuate air delivery equipment to the rigging site.

REFERENCES:

1. MCWP 4-1 Logistics Operations
 2. MCWP 4-11 Tactical-Level Logistics
 3. MCWP 4-11.3 Transportation Operations
-

LOG-TRAN-3012: Coordinate air delivery operations

SUPPORTED MET(S): None

EVALUATION CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: The logistics combat element or logistics unit provides overall coordination of air delivery operations.

CONDITION: Given a requirement, personnel, and equipment.

STANDARD: Ensuring delivery of airdropped equipment and supplies without damage to materiel or injury to personnel in accordance with MCWP 4-11.3 Transportation Operations.

EVENT COMPONENTS:

1. Determine mode/method of resupply.
2. Task air delivery unit with airdrop missions.
3. Provide materiel for airdrop.
4. Transport materiel from storage areas to the rigging site.

5. Provide external support required by the air delivery unit (e.g., MHE, motor transport, communications).
6. Request airlift support.
7. Provide support for replacement of airdrop equipment/consumables used in rigging.
8. Coordinate marshaling/loading of airdrop loads aboard supporting aircraft.
9. Verify receipt of supplies by supported unit.

REFERENCES:

1. MCWP 4-1 Logistics Operations
 2. MCWP 4-11 Tactical-Level Logistics
 3. MCWP 4-11.3 Transportation Operations
-

LOG-TRAN-3013: Support air delivery operations

SUPPORTED MET(S): None

EVALUATION CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: The Marine Corps' primary air delivery unit is the air delivery platoon. The air delivery platoon's mission is to receive, store, repair, and rig selected supplies and equipment for airdrop from either Marine Corps of Air Force aircraft.

CONDITION: Given a requirement, personnel, and equipment.

STANDARD: Ensuring delivery of specially rigged equipment and supplies without damage to materiel or injury to personnel in accordance with MCWP 4-11.3 Transportation Operations.

EVENT COMPONENTS:

1. Receive materiel from airdrop.
2. Store materiel for airdrop.
3. Prepare materiel for airdrop.
4. Perform maintenance on airdrop equipment.
5. Inspect/certify airdrop equipment, as required.
6. Provide supervision on the operation of drop zones.
7. Provide evacuation of airdropped equipment from drop zones.
8. Inspect airdropped loads.
9. Assist other units involved in parachute operations, if necessary.
10. Provide auxiliary personnel to aid flight crews in the performance of the airdrop mission, if necessary.

CHAINED EVENTS:

0451-ADMN-2101	0451-MAIN-2651	0451-PACK-1006
0451-ADMN-2102	0451-MAIN-2652	0451-PACK-1007
0451-ADMN-2103	0451-MAIN-2653	0451-PACK-1008
0451-ADMN-2104	0451-MAIN-2654	0451-PACK-1009
0451-MAIN-1601	0451-OPS-1701	0451-PACK-1010
0451-MAIN-1602	0451-OPS-1702	0451-PACK-1011
0451-MAIN-1603	0451-OPS-1703	0451-PACK-1012
0451-MAIN-1604	0451-OPS-1704	0451-PACK-1013

0451-MAIN-1605	0451-OPS-1705	0451-PACK-1014
0451-MAIN-1606	0451-OPS-1706	0451-PACK-1015
0451-MAIN-1607	0451-OPS-2701	0451-PACK-1016
0451-MAIN-1608	0451-OPS-2702	0451-PACK-1018
0451-MAIN-2601	0451-OPS-2703	0451-PACK-2001
0451-MAIN-2602	0451-OPS-2704	0451-PACK-2002
0451-MAIN-2603	0451-OPS-2705	0451-PACK-2003
0451-MAIN-2604	0451-OPS-2706	0451-PACK-2004
0451-MAIN-2605	0451-OPS-2707	0451-PACK-2005
0451-MAIN-2607	0451-OPS-2708	0451-PACK-2006
0451-MAIN-2608	0451-OPS-2709	0451-PACK-2007
0451-MAIN-2620	0451-OPS-2710	0451-PACK-2008
0451-MAIN-2621	0451-OPS-2711	0451-PACK-2009
0451-MAIN-2622	0451-OPS-2714	0451-PACK-2010
0451-MAIN-2623	0451-OPS-2715	0451-PACK-2011
0451-MAIN-2624	0451-OPS-2717	0451-RIG-1901
0451-MAIN-2625	0451-OPS-2718	0451-RIG-1902
0451-MAIN-2626	0451-OPS-2719	0451-RIG-1903
0451-MAIN-2640	0451-OPS-2720	0451-RIG-1904
0451-MAIN-2641	0451-OPS-2721	0451-RIG-1905
0451-MAIN-2642	0451-OPS-2722	0451-RIG-2901
0451-MAIN-2645	0451-PACK-1001	0451-RIG-2902
0451-MAIN-2646	0451-PACK-1002	0451-RIG-2903
0451-MAIN-2647	0451-PACK-1003	0451-RIG-2904
0451-MAIN-2648	0451-PACK-1004	0451-RIG-2905
0451-MAIN-2649	0451-PACK-1005	0451-RIG-2911
0451-MAIN-2650		

REFERENCES:

1. MCWP 4-1 Logistics Operations
2. MCWP 4-11 Tactical-Level Logistics
3. MCWP 4-11.3 Transportation Operations

LOG-TRAN-3014: Provide airlift support to air delivery operations

SUPPORTED MET(S): MCT 4.3.4

EVALUATION CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: The airlifting unit is the aviation unit that provides the aircraft to accomplish the airdrop mission. Responsibilities of the airlifting unit differ slightly depending on whether Marine Corps or Air Force assets are used. If Marine Corps assets are used, the responsibility rests with the air delivery platoon to provide additional equipment and personnel. If Air Force assets are used, the responsibility to provide additional equipment and personnel rests with the Air Force. Airlifting units, regardless of service affiliation, have the responsibilities described in this event.

CONDITION: Given a requirement, personnel, and equipment.

STANDARD: Ensuring delivery of airdropped equipment and supplies without damage to materiel or injury to personnel in accordance with MCWP 4-11.3 Transportation Operations.

EVENT COMPONENTS:

1. Provide appropriate aircraft.
2. Advise the supported unit on the method of delivery.
3. Provide inspectors to conduct joint inspections.
4. Supervise the loading of aircraft.
5. Deliver the loads.

REFERENCES:

1. MCWP 4-1 Logistics Operations
2. MCWP 4-11 Tactical-Level Logistics
3. MCWP 4-11.3 Transportation Operations

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Airlift support is provided by a variety of aviation platforms. Refer to the relevant T&R manuals for collective and individual training requirements in the AD (air delivery/airdrop) and ALS (airlift support) functional areas:

Tactical Aircraft:

KC-130J: NAVMC 3500.53B - AD3700-3705, AD4700-4702
KC-130T: NAVMC 3500.52C - AD3700, AD3750, AD4700
CH-53: NAVMC 3500.47A - AD3340
MV-22: NAVMC 3500.11C - AD2630-31, AD3530, AD4030-4034
UH-1Y: NAVMC 3500.20B - AD3206-3207

OSA Aircraft:

C-9B: NAVMC 3500.31A - ALS3200
C-12B/F: NAVMC 3500.30A - ALS3200
C-12W: NAVMC 3500.102 - ALS3200

AIRCRAFT: A variety of aircraft may be utilized in the performance of this event. Refer to aircraft requirements included in relevant Aviation T&R Program T&R manuals.

LOG T&R MANUAL

CHAPTER 4

MOS 0402 INDIVIDUAL EVENTS

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LOG T&R MANUAL

CHAPTER 4

MOS 0402 INDIVIDUAL EVENTS

4000. PURPOSE. This chapter details the individual events that pertain to Logistics Officers. Each individual event provides an event title, along with the conditions events will be performed under, and the standard to which the event must be performed to be successful.

4001. EVENT CODING. Events in this T&R Manual are depicted with an up to 12-character, 3-field alphanumeric system, (i.e., XXXX-XXXX-XXXX). This chapter utilizes the following methodology:

a. Field one. This field represents the MOS. This chapter contains the following MOS codes:

<u>Code</u>	<u>Description</u>
0402	Logistics Officer

b. Field two. This field represents the functional/duty area. This chapter contains the following functional/duty areas:

<u>Code</u>	<u>Description</u>
C2	Administration and Personnel
PARA	Parachute

c. Field three. This field provides the level at which the event is accomplished and numerical sequencing of events. This chapter contains the following event levels:

<u>Code</u>	<u>Description</u>
1000	Core Skills
2000	Core Plus Skills

4002. INDEX OF EVENTS

EVENT CODE	EVENT	PAGE
1000-LEVEL		
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0402-C2-1004	Coordinate transportation support	4-6
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0402-C2-1007	Coordinate services support	4-8
0402-C2-1008	Coordinate general engineering support	4-9
0402-C2-1009	Supervise the establishment of an LSA	4-9
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0402-C2-1012	Command a convoy	4-12
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0402-C2-1015	Supervise armory operations	4-15
2000-LEVEL		
0402-C2-2001	Coordinate a unit move	4-16
0402-C2-2002	Plan an MPF operation	4-16

4003. 1000-LEVEL EVENTS

0402-C2-1001: Supervise tactical logistics operations

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0402

BILLETS: Assistant Operations Officer, Logistics Officer, Watch Officer

GRADES: 2NDLT, 1STLT, CAPT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a requirement, personnel, and equipment.

STANDARD: Ensuring planning and oversight of tactical logistics functions to support mission requirements.

PERFORMANCE STEPS:

1. Support the MCPP.
2. Identify CSS capabilities/deficiencies.
3. Determine/forecast sustainment levels.
4. Determine a unit's resupply requirements.
5. Plan battlefield distribution operations.
6. Develop a concept of CSS.
7. Support development of logistics estimate, annexes, and orders.
8. Coordinate operations center procedures.
9. Establish battle rhythm.
10. Coordinate internal/external support requirements.
11. Monitor communications with HASS.
12. Coordinate aviation integration.
13. Monitor re-supply missions.
14. Analyze reports from HASS.

15. Monitor HASS logistics status reports.
16. Direct employment of CSS assets.
17. Monitor convoy operations.
18. Advise commander and higher headquarters.
19. Monitor common operational picture of logistics support (COP) utilizing C2 systems and AIS.
20. Monitor contracting requirement.

REFERENCES:

1. MCO P3000.18 Marine Corps Planner's Manual
 2. MCWP 3-40.1 MAGTF Command and Control
 3. MCWP 4-1 Logistics Operations
 4. MCWP 4-11 Tactical-Level Logistics
 5. MCWP 5-1 Marine Corps Planning Process (MCP)
 6. OpOrd Operation Order
-

0402-C2-1002: Supervise organic logistics operations

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0402

GRADES: 2NDLT, 1STLT, CAPT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given the commander's guidance, mission, and resources.

STANDARD: Providing oversight on the functional areas of logistics.

PERFORMANCE STEPS:

1. Integrate the functional areas of logistics.
2. Review logistics related reports.
3. Prepare logistics reports.
4. Advise commander on logistics related matters.
5. Conduct logistics training.
6. Conduct inspections.
7. Identify MAGTF/SE logistics agencies/capabilities.
8. Monitor supply levels.
9. Monitor equipment status.
10. Prepare standard operating procedures.
11. Review unit T/O&E.
12. Manage unit ammunition requirements.
13. Manage unit ammunition handling procedures.
14. Supervise an environmental compliance program.

REFERENCES:

1. MCDP 4 Logistics
2. MCO 4340.1_ Reporting of Missing, Lost, Stolen, or Recovered (MLSR)
Government Property

3. MCO 5100.8 Marine Corps Occupational Safety and Health (OSH) Policy Order
4. MCO 8010.1_ Class V(W) SUP FMF CBT OP
5. MCO P4790.2_ MIMMS Field Procedures Manual
6. MCO P8011.4_ Marine Corps Policy and Procedures for Class V(W) Material (Peacetime)
7. MCO P8020.10_ Marine Corps Ammunition and Explosives Safety Program
8. MCWP 3-40.1 MAGTF Command and Control
9. MCWP 4-1 Logistics Operations
10. MCWP 4-11 Tactical-Level Logistics
11. MCWP 4-11.3 Transportation Operations
12. MCWP 4-11.4 Maintenance Operations
13. MCWP 4-12 Operational-Level Logistics
14. MCWP 5-1 Marine Corps Planning Process (MCP)
15. NAVSEA OP 5 Vol 1 Ammunition and Explosives/Ashore Safety Regulations of Handling, Storage, Production, Renovation and Shipping
16. NAVSEA OP 5 Vol 2 Ammunition & Explosives Ashore Safety Regulation
17. NAVSEA OP 5 Vol 3 Ammunition and Explosives Safety Ashore for Contingencies, Combat Operations, Military Operations Other Than War, and Associated Training
18. NAVSEA SWO20-AF-ABK-010 Motor Vehicle Driver and Shipping Inspector's Manual for Ammunition, Explosives and Related Hazardous Materials
19. NAVSEA SWO20-AG-SAF-010 Navy Transportation Safety Handbook for Ammunition, Explosives and related Hazardous Materials
20. OPNAVINST 5530.13_ Physical Security
21. SECNAVINST 5500.4 MLSR Reporting
22. TM 11240-15/4_ Motor Transport Technical Characteristics Manual
23. TM 1275-15/3_ Principal Technical Characteristics of U.S. Marine Corps Engineer Equipment
24. TM 4700-15/1_ Marine Corps Equipment Forms and Records

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Formal training is open to officers serving as operations officers for logistics orientated units in the other elements of the MAGTF type units.

0402-C2-1003: Coordinate health services support

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0402

GRADES: 2NDLT, 1STLT, CAPT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a requirement, personnel, and equipment.

STANDARD: Integrating health services into CSS operations.

PERFORMANCE STEPS:

1. Identify organic/non-organic health services support (HSS) capabilities.
2. Integrate the five sub-functions of HSS into planning.
3. Identify requirements.
4. Identify levels of medical care.
5. Monitor unit medical/dental readiness.
6. Identify responsibilities of HSS personnel.
7. Monitor special health service programs.

REFERENCES:

1. JP 4-02 Doctrine for Health Service Support in Joint Operations
 2. MCO 6600.3 Dental Health Care Program
 3. MCRP 4-11.1D Field Hygiene and Sanitation
 4. MCWP 4-1 Logistics Operations
 5. MCWP 4-11 Tactical-Level Logistics
 6. MCWP 4-11.1 Health Service Support Operations
-

0402-C2-1004: Coordinate transportation support

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0402

GRADES: 2NDLT, 1STLT, CAPT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a requirement, personnel, and equipment.

STANDARD: Integrating transportation into CSS operations.

PERFORMANCE STEPS:

1. Identify transportation requirements.
2. Coordinate movement planning.
3. Support deployment and distribution planning through the use of Automated Information Systems (AIS).
4. Coordinate with Distribution Management Office (DMO).
5. Coordinate with movement control agencies.
6. Identify organic/non-organic support capabilities.
7. Prepare equipment and cargo for embarkation.
8. Prepare hazmat and cargo for transportation.
9. Coordinate air delivery planning.
10. Supervise LFSP operations.
11. Supervise material handling.
12. Supervise rail head operations.
13. Supervise motor transport operations.

REFERENCES:

1. AAR American Association of Railroads
2. ACART Applicable Commercial Airlift Rate Tables

3. AMC (R) AMC Airlift Rates
 4. CFR 49 Parts 100-185 Code of Federal Regulations - Transportation
 5. JP 3-02.2 Joint Doctrine for Amphibious Embarkation
 6. MCO 4500.9 Defense Transportation Regulations
 7. MCO 4610.35 USMC Equipment Characteristics File
 8. MCO P4030.19_ Preparing Hazardous Materials for Military Air Shipments
 9. MCWP 5-1 Marine Corps Planning Process (MCPP)
 10. MDSS II HM MAGTF Deployment Support System, User's Help Manual
-

0402-C2-1005: Coordinate maintenance support

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0402

GRADES: 2NDLT, 1STLT, CAPT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a requirement, personnel, and equipment.

STANDARD: Integrating maintenance operations into CSS operations.

PERFORMANCE STEPS:

1. Identify organic/non-organic maintenance capabilities.
2. Monitor maintenance related programs (e.g., corrosion control, modifications etc.).
3. Conduct ORM for maintenance activities.
4. Coordinate recovery operations.
5. Identify/allocate maintenance resources.
6. Validate maintenance resources/requirements.
7. Reconcile with supporting agencies.
8. Establish maintenance operational concepts (e.g., mobile contact/support teams etc.).
9. Establish demand-supported stockage (DSS).
10. Establish internal management control programs.
11. Advise commander on maintenance issues/capabilities.
12. Manage hazardous materials and waste.

REFERENCES:

1. MCO 4400.16_ Uniform Material Movement and Issue Priority System
 2. MCO P4400.150_ Consumer Level Supply Policy Manual
 3. MCO P4790.2_ MIMMS Field Procedures Manual
 4. MCWP 4-1 Logistics Operations
 5. MCWP 4-11 Tactical-Level Logistics
 6. MCWP 4-11.4 Maintenance Operations
 7. TM 4700-15/1_ Marine Corps Equipment Forms and Records
 8. UM 4790-5 MIMMS AIS, Field Maintenance Procedures
-

0402-C2-1006: Coordinate supply support

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0402

GRADES: 2NDLT, 1STLT, CAPT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a requirement, personnel, and equipment.

STANDARD: Integrating supply support planning in CSS operations.

PERFORMANCE STEPS:

1. Identify a unit's sustainment requirements.
2. Review applicable supply support documents.
3. Identify sources of supply
4. Supervise supply accountability procedures.
5. Monitor a unit's budget requirements.
6. Monitor funds for the unit.
7. Review budget and previous unit spending.
8. Identify deficiencies/changes in the annual budget.
9. Participate in the preparation of the midyear review.
10. Participate in the preparation/execution of the annual budget.
11. Identify salvage requirements.
12. Identify disposal requirements.
13. Submit malfunction and defect reports.
14. Monitor base property requirements.

REFERENCES:

1. MCO P4400.150_ Consumer Level Supply Policy Manual
 2. MCO P8011.4_ Marine Corps Policy and Procedures for Class V(W) Material (Peacetime)
 3. MCWP 4-11.7 MAGTF Supply Operations
 4. NAVMC 1017 Table of Authorized Materiel
 5. UM 4400-15 Organic Property Control
-

0402-C2-1007: Coordinate services support

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0402

GRADES: 2NDLT, 1STLT, CAPT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a requirement, personnel, and equipment.

STANDARD: Integrating services support into CSS operations.

PERFORMANCE STEPS:

1. Identify services support requirements.
2. Identify organic/non-organic capabilities.
3. Coordinate postal services.
4. Coordinate disbursing services.
5. Coordinate exchange services.
6. Coordinate personnel recovery.
7. Coordinate legal services support.
8. Supervise the operation of a dining facility.
9. Supervise the operation of a field mess.

REFERENCES:

1. FM 10-64 Mortuary Affairs Operations
 2. JTTP 4.06 Joint Tactics, Techniques and Procedures for Mortuary Affairs in Joint Operations
 3. MCO 5000.14_ Marine Corps Administrative Procedures (MCAP)
 4. MCO 5726.15 Marine Corps Band Support of Community Relations
 5. MCO 7300.21_ Marine Corps Financial Management Standard Operating Procedure Manual
 6. MCO P5800.16_ Marine Corps Manual for Legal Administration (LEGADMINMAN)
 7. MCWP 4-1 Logistics Operations
 8. MCWP 4-11.3 Transportation Operations
 9. MCWP 4-11.8 Services in an Expeditionary Environment
 10. MCWP 5-1 Marine Corps Planning Process (MCP)
 11. POM Postal Operations Manual
-

0402-C2-1008: Coordinate general engineering support

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0402

GRADES: 2NDLT, 1STLT, CAPT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a requirement, personnel, and equipment.

STANDARD: Integrating general engineering support into CSS operations.

PERFORMANCE STEPS:

1. Identify organic/non-organic general engineering capabilities.
2. Coordinate the employment of engineering assets.
3. Monitor general engineering operations.

REFERENCES:

1. MCWP 3-17 Engineering Operations
2. MCWP 4-1 Logistics Operations

3. MCWP 4-11.4 Maintenance Operations
 4. MCWP 4-11.6 Petroleum and Water Logistics Operations
 5. TM 11275-15/3_ Principal Technical Characteristics of U.S. Marine Corps Engineer Equipment
-

0402-C2-1009: Supervise the establishment of an LSA

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: This event is scalable and includes the following sustainment nodes: FARP, LZSA, RRP, BSA, CSSA and the FCSSA.

MOS PERFORMING: 0402

GRADES: 2NDLT, 1STLT, CAPT, MAJ

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a requirement, personnel, and equipment.

STANDARD: Ensuring effective organization to contain the necessary supplies, equipment, installations, and elements to provide the landing force with CSS throughout the operation in accordance with the OpOrd.

PERFORMANCE STEPS:

1. Plan the management of subsistence.
2. Plan the management of bulk and packaged POLs.
3. Plan the management of ammunition.
4. Plan the management of HSS.
5. Plan the management of supply/maintenance.
6. Coordinate security plan/requirements.
7. Coordinate the employment of military police.
8. Plan the management of EPWs.
9. Plan the management of enemy detainees.
10. Plan the management of displaced persons/refugees.
11. Coordinate the area damage control (ADC) effort.
12. Coordinate general engineering requirements.
13. Coordinate services.

REFERENCES:

1. FM 27-10 Law of Land Warfare
2. Geneva Convention of 1949 (III) Relative to the Treatment of Prisoners of War
3. Geneva Convention of 1949 (IV) Relative to the Protection of Civilian Persons in Time of War
4. MCO 3461.1 EPW, Retain, CI, and other Detainees
5. MCRP 3-41.1A MAGTF Rear Area Security
6. MCRP 4-11.1D Field Hygiene and Sanitation
7. MCWP 3-17 Engineering Operations
8. MCWP 3-21.1 Aviation Ground Support
9. MCWP 3.34.1 MPs in Support of the MAGTF

10. MCWP 3-40.1 MAGTF Command and Control
 11. MCWP 3-41.1 Rear Area Operations
 12. MCWP 4-1 Logistics Operations
 13. MCWP 4-11 Tactical-Level Logistics
 14. MCWP 4-11.1 Health Service Support Operations
 15. MCWP 4-11.3 Transportation Operations
 16. MCWP 4-11.7 MAGTF Supply Operations
 17. MCWP 4-11.8 Services in an Expeditionary Environment
 18. MCWP 5-1 Marine Corps Planning Process (MCP)
 19. OpOrd Operation Order
-

0402-C2-1010: Supervise landing support operations

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0402

BILLETS: Platoon Commander

GRADES: 2NDLT, 1STLT, CAPT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given the requirement to plan landing support and throughput operations.

STANDARD: Supporting the unit's mission and the commander's concept of operations in accordance with MCWP 4-11.3 Transportation Operations.

PERFORMANCE STEPS:

1. Direct material handling and heavy equipment.
2. Determine tactical logistics (TACLOG) control procedures.
3. Determine Landing Support control procedures.
4. Supervise beach operations group.
5. Supervise port operations Group.
6. Supervise A/DACG.
7. Supervise rail head operations group.
8. Supervise helicopter support team operations.
9. Coordinate with higher and supporting agencies.
10. Develop throughput process.
11. Coordinate ship to shore movement.
12. Coordinate movement control requirements.
13. Coordinate inspection requirements.
14. Supervise the establishment of the beach support area.
15. Conduct physical network analysis.
16. Identify port capabilities.

REFERENCES:

1. MCRP 4-11.3G Unit Embarkation Handbook
2. MCWP 3-31.5 Ship-to-Shore Movement

3. MCWP 4-11 Tactical-Level Logistics
4. MCWP 4-11.3 Transportation Operations

0402-C2-1011: Supervise motor transport operations

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0402

BILLETS: Motor Transport Officer

GRADES: 2NDLT, 1STLT, CAPT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a requirement, personnel, and equipment.

STANDARD: Ensuring motor transportation support requirements are met.

PERFORMANCE STEPS:

1. Monitor the dispatching of equipment.
2. Supervise equipment readiness.
3. Identify equipment capabilities.
4. Manage forms/records.
5. Manage a licensing program.
6. Determine a unit's operator requirements.
7. Supervise maintenance management programs.
8. Supervise on vehicle equipment (OVE)/basic issue items (BII) procedures.
9. Supervise maintenance in accordance with capabilities.
10. Supervise convoy operations.
11. Manage training of organic personnel.
12. Manage hazardous materials and waste.
13. Manage transportation of ammunition and hazardous materials.

REFERENCES:

1. MCO P4790.2_ MIMMS Field Procedures Manual
2. MCWP 4-11 Tactical-Level Logistics
3. MCWP 4-11.3 Transportation Operations
4. MCWP 4-11.4 Maintenance Operations
5. TM 11240-OD Principle Technical Characteristics of Marine Corps Motor Transportation Equipment
6. TM 4700-15/1_ Ground Equipment Record Procedures

0402-C2-1012: Command a convoy

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0402

BILLETS: Convoy Commander, Motor Transport Officer

GRADES: 2NDLT, 1STLT, CAPT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a requirement, personnel, and equipment.

STANDARD: Ensuring unit movement is completed to support the mission in accordance with MCRP 4-11.3F Convoy Operations Handbook.

PERFORMANCE STEPS:

1. Review intelligence reports.
2. Determine lift requirements.
3. Coordinate route reconnaissance.
4. Develop a movement plan.
5. Coordinate cas/medevac support procedures.
6. Direct loading operations.
7. Conduct a convoy commander's brief.
8. Conduct pre-combat actions, checks/inspections.
9. Direct the movement of the convoy.
10. Direct the defense of the convoy.
11. Supervise vehicle fording operations.
12. Supervise vehicle recovery operations.
13. Supervise field expedient repairs.
14. Supervise limited visibility driving operations.
15. Conduct mission debrief.
16. Prepare mission after-action brief.

REFERENCES:

1. FM 20-22 Vehicle Recovery Operations
2. FM 20-30 Battlefield Damage Assessment and Repair
3. FM 21-305 Manual Front Wheeled Vehicle Driver
4. FM 55-15 Transportation Reference Data
5. FM 55-30 Army Motor transport Units and Operations
6. MCRP 4-11.3F Convoy Operations Handbook
7. MCRP 4-11.4A Recovery and Battle Damage Assessment and Repair
8. NAVSEA OP 2239 Explosive Driver Handbook
9. TM 11240-14/2 Logistic Consideration for Motor Transport Convoy Operations
10. TM 11-5855-238-10 AN/PVS 5, 5A, 5B, and 5C
11. TM 11-5855-262-10-2 AN/PVS 7
12. VOM Vehicle Operator's Manual

0402-C2-1013: Supervise maintenance management

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0402

BILLETS: Maintenance Management Officer

GRADES: 2NDLT, 1STLT, CAPT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a requirement, personnel, and equipment.

STANDARD: Ensuring the effective use of maintenance resources in accordance with MCO P4790.2_ MIMMS Field Procedures Manual.

PERFORMANCE STEPS:

1. Manage maintenance administration.
2. Manage personnel and training.
3. Manage records and reports.
4. Manage publications control.
5. Manage operational availability.
6. Manage maintenance operations.
7. Manage supply support.
8. Manage maintenance related programs.
9. Establish/review internal maintenance management policy.
10. Monitor unit equipment readiness.
11. Identify organic/non-organic maintenance capabilities.
12. Monitor the maintenance automated information systems.
13. Validate and monitor use of the Uniformed Materiel Management Issue and Priority System (UMMIPS).
14. Direct maintenance management validation/reconciliation.
15. Implement a maintenance inspection program.

REFERENCES:

1. MCBUL 3000 Marine Corps Automated Readiness Evaluation System (MARES) Equipment
2. MCO 3000.11_ Marine Corps Automated Readiness Evaluation System (MARES)
3. MCO 3000.13_ Marine Corps Readiness Reporting Standard Operating Procedures (SOP)
4. MCO 4400.16_ Uniform Material Movement and Issue Priority System
5. MCO 5215.1_ Marine Corps Directives Management Program
6. MCO P4400.150_ Consumer Level Supply Policy Manual
7. MCO P4790.1 MIMMS Introduction Manual
8. MCO P4790.2_ MIMMS Field Procedures Manual
9. MCO P5215.17_ Marine Corps Technical Publications System
10. MCWP 4-11.4 Maintenance Operations
11. TM 4700-15/1_ Marine Corps Equipment Forms and Records
12. UM 4400-123 FMF SASSY Management Unit Procedures
13. UM 4790-5 MIMMS AIS, Field Maintenance Procedures
14. UN 4400-124 FMF SASSY Using Unit Procedures
15. Unit T/O&E Unit's Table of Organization and Equipment

0402-C2-1014: Supervise organic arms ammunition and explosives (AA&E) program

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

GRADES: 2NDLT, 1STLT, CAPT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a requirement, personnel, and equipment.

STANDARD: Ensuring compliance with OPNAVINST 5530.13_ Department of the Navy Physical Security Instruction for Conventional Arms, Ammunition, and Explosives (AA&E).

PERFORMANCE STEPS:

1. Review AA&E account.
2. Adhere to accountability procedures.
3. Validate AA&E records.
4. Coordinate with internal/external agencies.
5. Monitor AA&E security procedures.
6. Conduct inspections.

REFERENCES:

1. MCO P4400.150_ Consumer Level Supply Policy Manual
 2. MCO P4400.151_ Intermediate-Level Supply Management Policy Manual
 3. OPNAVINST 5530.13_ Department of the Navy Physical Security Instruction for Conventional Arms, Ammunition, and Explosives (AA&E)
-

0402-C2-1015: Supervise armory operations

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0402

BILLETS: Armory Officer

GRADES: 2NDLT, 1STLT, CAPT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a requirement, personnel, and equipment.

STANDARD: Ensuring compliance with OPNAVINST 5530.13_ Department of the Navy Physical Security Instruction for Conventional Arms, Ammunition, and Explosives (AA&E).

PERFORMANCE STEPS:

1. Verify unit ordnance allowance.
2. Determine armory storage requirements.
3. Supervise a weapons maintenance program for a unit.
4. Provide training for armory personnel.
5. Ensure compliance with AA&E security requirements.

6. Verify weapons accountability procedures.
7. Supervise field armory operations.

REFERENCES:

1. MCO 4340.1_ Reporting of Missing, Lost, Stolen, or Recovered (MLSR) Government Property
 2. MCO 5100.8 Marine Corps Occupational Safety and Health (OSH) Policy Order
 3. MCO P4790.2_ MIMMS Field Procedures Manual
 4. OPNAVINST 5530.13_ Department of the Navy Physical Security Instruction for Conventional Arms, Ammunition, and Explosives (AA&E)
 5. OPNAVINST 5530.14 Physical Security and Loss Prevention
 6. SECNAVINST 5500.4 MLSR Reporting
 7. TI 8005-15/21B Small Arms Operator Manual
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4004. 2000-LEVEL EVENTS

0402-C2-2001: Coordinate a unit move

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: This event will cover operational deployments or deployments for training.

MOS PERFORMING: 0402, 1302, 3002

BILLETS: Logistics Officer, Operations Officer, Plans Officer

GRADES: CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a requirement to deploy across the range of military operations (ROMO).

STANDARD: To ensure units arrive mission capable in an area of operations.

PERFORMANCE STEPS:

1. Determine support requirement.
2. Determine lift requirements.
3. Formulate the embarkation plan.
4. Coordinate RSO&I.
5. Ensure equipment and cargo is prepared/certified for embarkation.
6. Coordinate with movement control organizations.
7. Supervise the submission of transportation requirements.
8. Supervise the submission of AIS data.
9. Track intra-/inter-theater movement.
10. Disseminate movement schedule.
11. Supervise the movement.

REFERENCES:

1. AAR American Association of Railroads
 2. ACART Applicable Commercial Airlift Rate Tables
 3. AMC (R) AMC Airlift Rates
 4. CFR 49 Parts 100-185 Code of Federal Regulations - Transportation
 5. JP 3-02.2 Joint Doctrine for Amphibious Embarkation
 6. MCO 4500.9 Defense Transportation Regulations
 7. MCO 4610.35 USMC Equipment Characteristics File
 8. MCO P4030.19_ Preparing Hazardous Materials for Military Air Shipments
 9. MCWP 5-1 Marine Corps Planning Process (MCP)
 10. MDSS II MAGTF Deployment Support System
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0402-C2-2002: Plan an MPF operation

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: This event will cover operational deployments or deployments for training.

MOS PERFORMING: 0402

GRADES: MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a requirement and access to Log AIS.

STANDARD: Ensuring MPF assets are received by the appropriate MAGTF element, regeneration assets are returned to the correct MPF lift asset, and meeting the requirement in accordance with OH 1-5-1 Tri-MEF Pre-positioning Force Standing Operating Procedures.

PERFORMANCE STEPS:

1. Coordinate with MPF command and control agencies.
2. Task organize MPF enablers.
3. Coordinate unit marshalling and movement operations.
4. Coordinate arrival and assembly operations.
5. Coordinate with MAGTF command elements for reception/staging of MPF assets.
6. Coordinate regeneration operations.
7. Coordinate redeployment operations.

REFERENCES:

1. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
2. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
3. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
4. MCWP 4-1 Logistics Operations
5. MCWP 5-1 Marine Corps Planning Process (MCP)

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6. MCWP 3-32 Maritime Prepositioning Force Operations
7. MCBul 3501 MPF Marine Expeditionary Brigade (MEB) Force List
8. NAVMC 2907 MPF Prepositioning Objective
9. MCWP 3-31.5 Ship-to-Shore Movement
10. MCWP 4-11 Tactical-Level Logistics
11. OH 1-5-1 Tri-MEF Maritime Pre-positioning Force Standing Operating Procedures

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Formal training for this event is available via both resident and MTT courses conducted by EWTGLANT/PAC.

LOG T&R MANUAL

CHAPTER 5

MOS 0405 INDIVIDUAL EVENTS

Refer to Chapter 12 for 0451 individual training events for which 0405 Aerial Delivery Officers are responsible.

LOG T&R MANUAL

CHAPTER 6

MOS 0407 INDIVIDUAL EVENTS

This chapter remains as a placeholder for future use. The 0407 Personnel Retrieval and Processing Officer Military Occupational Specialty (MOS) was recently converted to a Logistics specialty. Training events will be developed for this MOS in the future.

LOG T&R MANUAL

CHAPTER 7

MOS 0411 INDIVIDUAL EVENTS

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LOG T&R MANUAL

CHAPTER 7

MOS 0411 INDIVIDUAL EVENTS

7000. PURPOSE. This chapter details the individual events that pertain to Maintenance Management Specialists. Each individual event provides an event title, along with the conditions events will be performed under, and the standard to which the event must be performed to be successful.

7001. EVENT CODING. Events in this T&R manual are depicted with an up to 12-digit, 3-field alphanumeric system (i.e., XXXX-XXXX-XXXX). This chapter utilizes the following methodology:

a. Field one. This field represents the MOS. This chapter contains the following MOS codes:

<u>Code</u>	<u>Description</u>
0411	Maintenance Management Specialist

b. Field two. This field represents the functional/duty area. This chapter contains the following functional/duty areas:

<u>Code</u>	<u>Description</u>
ADMN	Administration and Personnel
OPS	Operations

c. Field three. This field provides the level at which the event is accomplished and numerical sequencing of events. This chapter contains the following event levels:

<u>Code</u>	<u>Description</u>
1000	Core Skills
2000	Core Plus Skills

7002. INDEX OF EVENTS

EVENT CODE	EVENT	PAGE
1000-LEVEL		
0411-ADMN-1401	Maintain maintenance administration policies/procedures	7-3
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0411-OPS-1403	Review maintenance automated information systems (MAIS) data	7-7
0411-OPS-1404	Conduct maintenance management related training	7-8
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0411-OPS-1406	Administer internal management control procedures	7-9
0411-OPS-1407	Validate maintenance resource requirements	7-10
0411-OPS-1408	Track equipment maintenance production reporting	7-11
2000-LEVEL		
0411-ADMN-2401	Implement maintenance policy/procedures	7-12
0411-ADMN-2402	Coordinate technical publication requirements	7-13
0411-OPS-2401	Manage maintenance related programs	7-14
0411-OPS-2402	Monitor the operation of maintenance automated information systems (MAIS) functions	7-15
0411-OPS-2403	Audit maintenance-related resource documentation	7-16
0411-OPS-2404	Monitor maintenance production cycle requirements	7-17
0411-OPS-2405	Conduct maintenance/supply operations continuous process improvement (CPI) assessments	7-18
0411-OPS-2406	Monitor supply support requirements	7-19
0411-OPS-2407	Conduct equipment condition reporting assessment	7-19

7003. 1000-LEVEL EVENTS

0411-ADMN-1401: Maintain maintenance administration policies/procedures

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

BILLETS: Maintenance Management Specialist

GRADES: PVT, PFC, LCPL, CPL, SGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given maintenance management directives and maintenance related inspection checklist.

STANDARD: Maintaining an up-to-date maintenance administration program.

PERFORMANCE STEPS:

1. Review all policy letters.
2. Review all orders/directives.
3. Prepare maintenance management correspondence.
4. Maintain maintenance management correspondence/files.
5. Maintain appropriate maintenance management related inspection checklists.
6. Maintain a maintenance management office/section library.

REFERENCES:

1. MCO 3000.11_ Ground Equipment Condition and Supply Materiel Readiness Reporting (MRR) Policy

2. MCO 5210.11_ Marine Corps Records Management Program
3. MCO 5215.1_ Marine Corps Directives Management Program
4. MCO 5216.20_ HQMC Supplement to the Department of the Navy (DON) Correspondence Manual
5. MCO 5311.1_ Total Force Structure Process (TFSP)
6. MCO 5600.31_ Marine Corps Printing and Publishing Regulations
7. MCO P4790.1 MIMMS Introduction Manual
8. MCO P4790.2_ MIMMS Field Procedures Manual
9. MCWP 4-11.4 Maintenance Operations
10. SECNAV M-5210.2 Department of the Navy Standard Subject Identification Code (SSIC) Manual
11. SECNAV M-5216.5 Department of the Navy Correspondence Manual
12. Unit T/O&E Unit's Table of Organization and Equipment

0411-ADMN-1402: Maintain billet reference material

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 3 month

DESCRIPTION: This task encompasses the maintenance of Desktop Procedures, Turnover Folder and Maintenance Management Standing Operating Procedures.

BILLETS: Maintenance Management Specialist

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given the requirement to maintain a maintenance management program.

STANDARD: Establishing billet duties, responsibilities and functional procedures to sustain operational capability.

PERFORMANCE STEPS:

1. Determine requirement for desktop procedures/turnover folders.
2. Assist commodity/section maintenance personnel with establishing appropriate desktop procedures/turnover folders.
3. Develop desktop procedures/turnover folders.
4. Maintain desktop procedures/turnover folders.

REFERENCES:

1. MCO 5216.20_ HQMC Supplement to the Department of the Navy (DON) Correspondence Manual
2. MCO P4790.2_ MIMMS Field Procedures Manual
3. SECNAV M-5216.5 Department of the Navy Correspondence Manual

0411-ADMN-1403: Maintain publication control management systems

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

BILLETS: Maintenance Management Specialist

GRADES: PVT, PFC, LCPL, CPL, SGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a requirement, computer access, publication management systems, and a units TO&E.

STANDARD: Ensuring the most current information is available to unit's equipment operator and maintenance support personnel.

PERFORMANCE STEPS:

1. Reconcile the unit's TO
2. Conduct on-hand publications inventory.
3. Submit deficiencies/discrepancies to the unit's Directives Control Point (DCP).
4. Update publication management systems.
5. Create unit level Publications List (PL).
6. Incorporate changes to publications.
7. Dispose of excess/superseded publications.
8. Recommend changes to publications.
9. Monitor the submission of recommended publication changes.

REFERENCES:

1. MCO 5210.11_ Marine Corps Records Management Program
2. MCO 5215.1_ Marine Corps Directives Management Program
3. MCO P4790.2_ MIMMS Field Procedures Manual
4. MCO P5215.17_ Marine Corps Technical Publications System
5. SI 5600 SERIES Cancellations, Marine Corps Technical Publications
6. SL-1-2 Index of Authorized Publication for Equipment Support
7. SL-1-3 Index of Authorized Publication for Equipment Support
8. TM 4700-15/1_ Ground Equipment Record Procedures
9. UM-MCPDS 5605 Marine Corps Publications Distribution System
10. UM-PLMS Marine Corps Publications Library Management System (PLMS) Users Manual
11. Unit T/O&E Unit's Table of Organization and Equipment

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Internet access, Public Key Infrastructure/Common Access Card (PKI/CAC) credentials and appropriate role assignment in the Marine Corps' Total Force Structure Management System (TFSMS), is required to extract required unit information to effectively conduct this performance based task. If no access to TFSMS is granted, the mastery of this task is anticipated to be degraded.

0411-OPS-1401: Maintain equipment maintenance resource records/forms

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

BILLETS: Maintenance Management Specialist

GRADES: PVT, PFC, LCPL, CPL, SGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given the assignment, a computer, network access, and required equipment records/forms.

STANDARD: Processing, recording, and documenting the accurate status of equipment.

PERFORMANCE STEPS:

1. Extract the information for equipment resource records/forms.
2. Complete equipment resource records/forms.
3. Audit the accuracy of maintenance resource records/forms data.
4. Conduct the disposition of resource records/forms.

REFERENCES:

1. FLIS Federal Logistics Information Systems
 2. MCBUL 3000 Marine Corps Automated Readiness Evaluation System (MARES) Equipment
 3. MCO 3000.11_ Ground Equipment Condition and Supply Materiel Readiness Reporting (MRR) Policy
 4. MCO 4400.16_ Uniform Material Movement and Issue Priority System
 5. MCO P4790.1 MIMMS Introduction Manual
 6. MCO P4790.2_ MIMMS Field Procedures Manual
 7. PC MIMMS Tech Guide PC MIMMS Technical Guide
 8. TM Equipment Technical Manual
 9. TM 4700-15/1_ Ground Equipment Record Procedures
 10. UM 4790-5 MIMMS AIS, Field Maintenance Procedures
-

0411-OPS-1402: Perform functions of the maintenance automated information systems (MAIS)

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

BILLETS: Maintenance Management Specialist

GRADES: PVT, PFC, LCPL, CPL, SGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given the requirement, applicable references, a computer, and network access.

STANDARD: Identifying, reporting, and documenting equipment maintenance requirements and operational capabilities.

PERFORMANCE STEPS:

1. Determine the supporting MAIS program.

2. Obtain access to the supporting MAIS program.
3. Input/extract MAIS data.
4. Process MAIS data.
5. Identify MAIS maintenance and readiness transaction errors.
6. Submit MAIS program/application processing errors.
7. Conduct MAIS related training.

REFERENCES:

1. GCSS-MC Procedural Notices GCSS-MC Handbook
 2. GCSS-MC User Productivity Kit (UPK)
 3. MCBUL 3000 Marine Corps Automated Readiness Evaluation System (MARES) Equipment
 4. MCO 3000.11_ Ground Equipment Condition and Supply Materiel Readiness Reporting (MRR) Policy
 5. MCO 3000.13_ Marine Corps Readiness Reporting Standard Operating Procedures
 6. MCO 4400.16_ Uniform Material Movement and Issue Priority System (UMMIPS)
 7. MCO P4790.2_ MIMMS Field Procedures Manual
 8. TM 4700-15/1_ Ground Equipment Record Procedures
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0411-OPS-1403: Review maintenance automated information systems (MAIS) data

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

BILLETS: Maintenance Management Specialist

GRADES: PVT, PFC, LCPL, CPL, SGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given the requirement, applicable references, computer, and network access.

STANDARD: Providing accurate equipment operational availability/capability status.

PERFORMANCE STEPS:

1. Retrieve MAIS data.
2. Validate MAIS data.
3. Assess trends and discrepancies.
4. Administer corrective actions.
5. Prepare data for debrief.
6. Conduct disposition of data.

REFERENCES:

1. MCBUL 3000 Marine Corps Automated Readiness Evaluation System (MARES) Equipment
2. MCO 3000.11_ Ground Equipment Condition and Supply Materiel Readiness Reporting (MRR) Policy
3. MCO 3000.13_ Marine Corps Readiness Reporting Standard Operating Procedures

4. MCO 4400.16_ Uniform Material Movement and Issue Priority System
5. MCO P4790.2_ MIMMS Field Procedures Manual
6. PC MIMMS Tech Guide PC MIMMS Technical Guide
7. TM 4700-15/1_ Ground Equipment Record Procedures
8. UM 4790-5 MIMMS AIS, Field Maintenance Procedures

0411-OPS-1404: Conduct maintenance management related training

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

BILLETS: Maintenance Management Specialist

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given personnel and references.

STANDARD: Maintaining efficiency and effectiveness of a unit's maintenance management program.

PERFORMANCE STEPS:

1. Assess training deficiencies.
2. Obtain required training materials.
3. Administer the training.
4. Document attendance.
5. Record/report the training.
6. Evaluate training.

REFERENCES:

1. GPN 6-12 Interim Guidance for Submitting Recoverable Items Reports (WIR/WER) Without a Replacement Requisition by GCSS-MC Units Utilizing WIR Online Process Handler
2. GPN 7-12 Interim Guidance for Submitting Recoverable Items Reports (WIR/WER) with Replacement by GCSS-MC Units Utilizing WIR Online
3. MCO 1553.3_ Unit Training Management (UTM) Program
4. MCO 4400.82_ Regulated/Controlled Item Management Manual
5. MCO 4855.10_ Product Quality Deficiency Report (PQDR)
6. MCO P4790.2_ MIMMS Field Procedures Manual
7. MCRP 3-0A Unit Training Management Guide
8. MCRP 3-0B How to Conduct Training
9. NAVMC1553.1_ Systems Approach to Training (SAT) Users Guide

0411-OPS-1405: Reconcile maintenance operations requirements

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

BILLETS: Maintenance Management Specialist

GRADES: PVT, PFC, LCPL, CPL, SGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given the resources, a computer, network access, MAIS reports, forms and records.

STANDARD: Determining the maintenance requirements in support of the unit's mission.

PERFORMANCE STEPS:

1. Complete validation procedures.
2. Review maintenance resource records, forms and reports.
3. Compare authorized stockage levels to pending requirements.
4. Determine procedures to accurately account for received items/supplies.
5. Reconcile actual equipment condition to maintenance automated information systems (MAIS) reports.
6. Review maintenance automated information systems (MAIS) reports.
7. Review pending requirements.
8. Determine external/sustainment support requirements.
9. Document reconciliation actions.
10. Initiate maintenance resource deficiencies.
11. Submit follow-up actions.

REFERENCES:

1. DLA Customer Assistance Handbook
2. FED LOG Federal Logistics Data <https://www.dlis.dla.mil/fedlog/default.asp>
3. MCBUL 3000 Marine Corps Automated Readiness Evaluation System (MARES) Equipment
4. MCO 3000.11_ Ground Equipment Condition and Supply Materiel Readiness Reporting (MRR) Policy
5. MCO 4400.120_ Joint Regulation Governing the Use and Application of Uniform Source Maintenance and Recoverability Codes
6. MCO 4400.16_ Uniform Material Movement and Issue Priority System
7. MCO 4733.1_ Marine Corps Test, Measurement, and Diagnostic Equipment (TMDE) Calibration and Maintenance Program (CAMP)
8. MCO 4855.10_ Product Quality Deficiency Report (PQDR)
9. MCO P4400.150_ Consumer Level Supply Policy Manual
10. MCO P4400.82_ Regulated/Controlled Item Management Manual
11. MCO P4790.2_ MIMMS Field Procedures Manual
12. MCWP 4-11.4 Maintenance Operations
13. TI 4733 Series Calibration and TMDE Requirements and Programs
14. TI 4733-OD/1_ Calibration Requirements Marine Corps Test, Measurement and Diagnostic Equipment Calibration and Maintenance Program
15. TM 4700-15/1_ Ground Equipment Record Procedures
16. UM 4400-123 FMF SASSY Management Unit Procedures
17. UM 4790-5 MIMMS AIS, Field Maintenance Procedures
18. Unit T/O&E Unit's Table of Organization and Equipment

0411-OPS-1406: Administer internal management control procedures

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

BILLETS: Maintenance Management Specialist

GRADES: PVT, PFC, LCPL, CPL, SGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given personnel, references, equipment, AIS reports, records and forms.

STANDARD: Ensuring use of personnel, money, facilities, and materiel as applied to the maintenance of ground equipment is controlled.

PERFORMANCE STEPS:

1. Assist in inspection programs.
2. Coordinate training requirements.
3. Collect supporting documentation.
4. Evaluate policies/procedures.
5. Advise maintenance officers/commodity managers.
6. Conduct periodic physical equipment inventory review.

REFERENCES:

1. MCO 3000.11_ Ground Equipment Condition and Supply Materiel Readiness Reporting (MRR) Policy
2. MCO P4400.150_ Consumer Level Supply Policy Manual
3. MCO P4790.1 MIMMS Introduction Manual
4. MCO P4790.2_ MIMMS Field Procedures Manual
5. MCWP 4-11.4 Maintenance Operations
6. SL-1-2 Index of Authorized Publication for Equipment Support
7. SL-1-3 Index of Authorized Publication for Equipment Support
8. SL-3 MCSL Component listing
9. SL-6 MCSL Applications List
10. TM Equipment Technical Manual
11. TM 4700-15/1_ Ground Equipment Record Procedures
12. UM 4790-5 MIMMS AIS, Field Maintenance Procedures
13. Unit T/O&E Unit's Table of Organization and Equipment
14. US Army Supply Catalog

0411-OPS-1407: Validate maintenance resource requirements

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

BILLETS: Maintenance Management Specialist

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given the requirement, a computer, network access, MAIS reports, equipment maintenance resource records, forms and reports.

STANDARD: Ensuring unit possesses required resources and capabilities.

PERFORMANCE STEPS:

1. Confirm authorized level of maintenance.
2. Confirm Table of Equipment (T/E) allocations.
3. Determine types of equipment allowances.
4. Determine maintenance personnel availability.
5. Confirm classes of supply required.
6. Determine supporting tools and equipment.
7. Assess facility allocation and use.
8. Confirm publication support requirements.
9. Determine maintenance budgeting requirements.
10. Conduct maintenance reconciliation procedures.

REFERENCES:

1. DLA Customer Assistance Handbook
 2. FED LOG Federal Logistics Data <https://www.dlis.dla.mil/fedlog/default.asp>
 3. MCBUL 3000 Marine Corps Automated Readiness Evaluation System (MARES) Equipment
 4. MCO 3000.11_ Ground Equipment Condition and Supply Materiel Readiness Reporting (MRR) Policy
 5. MCO 4400.16_ Uniform Material Movement and Issue Priority System
 6. MCO 4733.1_ Marine Corps Test, Measurement, and Diagnostic Equipment (TMDE) Calibration and Maintenance Program (CAMP)
 7. MCO P4400.150_ Consumer Level Supply Policy Manual
 8. MCO P4400.82_ Regulated/Controlled Item Management Manual
 9. MCO P4790.2_ MIMMS Field Procedures Manual
 10. MCWP 4-11.4 Maintenance Operations
 11. TM 4700-15-1/H Marine Corps Equipment Forms and Records
 12. UM 4790-5 MIMMS AIS, Field Maintenance Procedures
 13. Unit T/O&E Unit's Table of Organization and Equipment
-

0411-OPS-1408: Track equipment maintenance production reporting

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

BILLETS: Maintenance Management Specialist

GRADES: PVT, PFC, LCPL, CPL, SGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given the appropriate resources and guidance, MAIS access, maintenance resource records, forms, reports and training schedules.

STANDARD: Reporting unit's equipment operational status condition.

PERFORMANCE STEPS:

1. Validate scheduled/unscheduled maintenance production function procedures.
2. Monitor equipment through the maintenance phases.
3. Coordinate equipment induction in maintenance related program.

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4. Monitor the application/installation of repair parts/supplies.
5. Conduct resource availability for technical information research.
6. Monitor readiness reporting of equipment.
7. Coordinate with internal/external support activities/agencies.
8. Assess compliance of maintenance production procedures.
9. Conduct periodic physical equipment inventory review.

REFERENCES:

1. MCO 3000.11_ Ground Equipment Condition and Supply Materiel Readiness Reporting (MRR) Policy
2. MCO 4400.16_ Uniform Material Movement and Issue Priority System
3. MCO 4855.10_ Product Quality Deficiency Report (PQDR)
4. MCO P4400.150_ Consumer Level Supply Policy Manual
5. MCO P4400.82_ Regulated/Controlled Item Management Manual
6. MCO P4790.1 MIMMS Introduction Manual
7. MCO P4790.2_ MIMMS Field Procedures Manual
8. MCWP 4-11.4 Maintenance Operations
9. TM 4700-15-1/H Marine Corps Equipment Forms and Records
10. UM 4400-123 FMF SASSY Management Unit Procedures
11. UM 4790-5 MIMMS AIS, Field Maintenance Procedures
12. UN 4400-124 FMF SASSY Using Unit Procedures
13. Unit T/O&E Unit's Table of Organization and Equipment

7004. 2000-LEVEL EVENTS

0411-ADMN-2401: Implement maintenance policy/procedures

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

BILLETS: Maintenance Management Analyst, Maintenance Management Chief, Maintenance Management Specialist

GRADES: CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given the requirement, policy, directive, commander's guidance, and maintenance related checklist.

STANDARD: Maintaining an up-to-date maintenance management program.

PERFORMANCE STEPS:

1. Direct policies/directives from higher headquarters.
2. Prepare maintenance management related correspondence, files/reports.
3. Maintain a maintenance management office correspondence file.
4. Obtain appropriate maintenance management/maintenance related inspection checklists.
5. Maintain inspection results.
6. Inspect subordinate level maintenance policies/procedures.

REFERENCES:

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1. MCO 3000.11_ Ground Equipment Condition and Supply Materiel Readiness Reporting (MRR) Policy
2. MCO 3000.13_ Marine Corps Readiness Reporting Standard Operating Procedures
3. MCO 4000.57_ Marine Corps Total Life Cycle Management (TLCM) of Ground Weapons Equipment and Material
4. MCO 4105.2_ Marine Corps Warranty Program
5. MCO 4400.194 Class VII Stock Rotation Program
6. MCO 4790.18_ Corrosion Prevention and Control (CPAC) Program
7. MCO 4855.10_ Product Quality Deficiency Report (PQDR)
8. MCO 5210.11_ Marine Corps Records Management Program
9. MCO 5215.1_ Marine Corps Directives Management Program
10. MCO 5216.20_ HQMC Supplement to the Department of the Navy (DON) Correspondence Manual
11. MCO 5600.31_ Marine Corps Printing and Publishing Regulations
12. MCO P4400.150_ Consumer Level Supply Policy Manual
13. MCO P4400.82_ Regulated/Controlled Item Management Manual
14. MCO P4790.1 MIMMS Introduction Manual
15. MCO P4790.2_ MIMMS Field Procedures Manual
16. MCWP 4-11.4 Maintenance Operations
17. SECNAV M-5210.2 Department of the Navy Standard Subject Identification Code (SSIC) Manual
18. SECNAV M-5216.5 Department of the Navy Correspondence Manual
19. TM 4795-12/1 Organizational Corrosion Prevention and Control Procedures
20. Unit T/O&E Unit's Table of Organization and Equipment

0411-ADMN-2402: Coordinate technical publication requirements

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

BILLETS: Maintenance Management Analyst, Maintenance Management Chief, Maintenance Management Specialist

GRADES: CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given access to Publications Library Management System (PLMS), Total Force Structure Management System (TFSMS), and the unit's Publication Listing (PL).

STANDARD: Ensuring required technical publications are available to support the unit's maintenance and operation effort.

PERFORMANCE STEPS:

1. Perform TO&E review.
2. Manage MAIS accounts.
3. Schedule Publication Listing (PL) reviews.
4. Confirm publication requirements.
5. Monitor Back Order Validation (BOV) process.
6. Document the output of the review process.

7. Record the finding of the review.
8. Monitor the internal distribution process.
9. Conduct MAIS trouble ticket trend analysis.

REFERENCES:

1. MCO 5215.1_ Marine Corps Directives Management Program
 2. MCO P4790.2_ MIMMS Field Procedures Manual
 3. MCO P5215.17_ Marine Corps Technical Publications System
 4. MCO P5600.31_ Marine Corps Publication and Printing Regulations
 5. SI 5600 SERIES Cancellations, Marine Corps Technical Publications
 6. SL-1-2 Index of Authorized Publication for Equipment Support
 7. SL-1-3 Index of Authorized Publication for Equipment Support
 8. UM-MCPDS 5605 Marine Corps Publications Distribution System
 9. UM-PLMS Marine Corps Publications Library Management System (PLMS) Users Manual
 10. Unit T/O&E Unit's Table of Organization and Equipment
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0411-OPS-2401: Manage maintenance related programs

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

BILLETS: Maintenance Management Analyst, Maintenance Management Chief, Maintenance Management Specialist

GRADES: CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given the requirement and resources.

STANDARD: Supporting equipment Total Lifecycle Systems Management (TLCSM).

PERFORMANCE STEPS:

1. Participate in Enterprise Lifecycle Maintenance Planning (ELMP).
2. Execute requirements for Depot Level Maintenance Program (DLMP).
3. Facilitate requirements for Corrosion, Prevention and Control (CPAC).
4. Synchronize Contractor Logistics Support (CLS).
5. Facilitate requirements to support Administrative Deadline/Storage Program.
6. Coordinate maintenance inspection programs.
7. Facilitate requirements for Materiel Returns Program (MRP).
8. Track Recoverable Items Program (WIR).
9. Monitor Test, Measurement, and Diagnostic Equipment (TMDE) Calibration and Maintenance Program (CAMP).
10. Coordinate warranty program.
11. Monitor quality control/assurance program.
12. Track configuration management programs.
13. Participate in prepositioning programs support.
14. Facilitate principle end item (PEI) rotation program requirement.
15. Facilitate Performance Based Logistics (PBL) requirements.

REFERENCES:

1. MCO 4000.57_ Marine Corps Total Life Cycle Management (TLCM) of Ground Weapons Equipment and Material
 2. MCO 4081.2 Marine Corps Performance Based Logistics (PBL)
 3. MCO 4105.2_ Marine Corps Warranty Program
 4. MCO 4200.33 Contractor Logistics Support (CLS) for Ground Equipment, Weapon Systems, Munitions, and Information Systems
 5. MCO 4400.194 Class VII Stock Rotation Program
 6. MCO 4733.1_ Marine Corps Test, Measurement, and Diagnostic Equipment (TMDE) Calibration and Maintenance Program (CAMP)
 7. MCO 4790.19 Depot Maintenance Policy
 8. MCO 4855.10_ Product Quality Deficiency Report (PQDR)
 9. MCO P3000.17_ Maritime Prepositioning Force (MPF) Planning and Policy Manual
 10. MCO P4400.150_ Consumer Level Supply Policy Manual
 11. MCO P4400.82_ Regulated/Controlled Item Management Manual
 12. MCO P4790.2_ MIMMS Field Procedures Manual
 13. MCRP 3-0A Unit Training Management Guide
 14. MCRP 3-0B How to Conduct Training
 15. MCWP 4-11.4 Maintenance Operations
 16. TM Equipment Technical Manual
 17. TM 4795-12/1 Organizational Corrosion Prevention and Control Procedures
 18. Unit T/O&E Unit's Table of Organization and Equipment
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0411-OPS-2402: Monitor the operation of maintenance automated information systems (MAIS) functions

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

BILLETS: Maintenance Management Analyst, Maintenance Management Chief, Maintenance Management Specialist

GRADES: CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given computer and MAIS access.

STANDARD: Ensuring equipment maintenance actions and equipment condition status updates are 100% accurate.

PERFORMANCE STEPS:

1. Supervise all MAIS functional capabilities.
2. Manage MAIS accounts.
3. Manage duties/responsibilities for MAIS input.
4. Supervise the correction of MAIS errors for appropriate action.
5. Coordinate support requirements/operations.
6. Design MAIS use and procedures for deployment exercises and operations.
7. Validate MAIS Systems Modification Request (SMR)/change request (CR).
8. Submit MAIS trouble ticket requests to MAIS supporting activities.
9. Conduct MAIS trouble ticket trend analysis.

REFERENCES:

1. MCBUL 3000 Marine Corps Automated Readiness Evaluation System (MARES) Equipment
 2. MCO 3000.13_ Marine Corps Readiness Reporting Standard Operating Procedures
 3. MCO 4400.16_ Uniform Material Movement and Issue Priority System
 4. MCO 5239.2 Marine Corps Information Assurance Program (MCIAP)(C4)
 5. MCO P4790.1 MIMMS Introduction Manual
 6. MCO P4790.2_ MIMMS Field Procedures Manual
 7. MCWP 4-11.4 Maintenance Operations
 8. PC MIMMS Tech Guide PC MIMMS Technical Guide
 9. TM 4420-15/1 Life Cycle Logistics Support and the Material Fielding Process
 10. TM 4700-15/1_ Ground Equipment Record Procedures
 11. UM 4400-123 FMF SASSY Management Unit Procedures
 12. UM 4790-5 MIMMS AIS, Field Maintenance Procedures
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0411-OPS-2403: Audit maintenance-related resource documentation

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

BILLETS: Maintenance Management Analyst, Maintenance Management Chief, Maintenance Management Specialist

GRADES: CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given the requirement and resources.

STANDARD: Verifying quality control of all recorded/documented information.

PERFORMANCE STEPS:

1. Identify records/forms.
2. Verify applicable maintenance/supply resource records/forms/systems.
3. Recommend changes to maintenance/supply resource records/forms/records.
4. Assess the maintenance/supply quality control/assurance programs and procedures.
5. Record/document assessment findings.
6. Implement Continuous Process Improvement (CPI) solutions.
7. Conduct reevaluation of audit.

REFERENCES:

1. MCO 3000.11_ Ground Equipment Condition and Supply Materiel Readiness Reporting (MRR) Policy
2. MCO 3000.13_ Marine Corps Readiness Reporting Standard Operating Procedures
3. MCO 4400.16_ Uniform Material Movement and Issue Priority System
4. MCO 4855.10_ Product Quality Deficiency Report (PQDR)
5. MCO 5239.2 Marine Corps Information Assurance Program (MCIAP)(C4)
6. MCO P4400.150_ Consumer Level Supply Policy Manual

7. MCO P4400.82_ Regulated/Controlled Item Management Manual
 8. MCO P4790.1 MIMMS Introduction Manual
 9. MCO P4790.2_ MIMMS Field Procedures Manual
 10. PC MIMMS Tech Guide PC MIMMS Technical Guide
 11. TM 4700-15/1_ Ground Equipment Record Procedures
 12. UM 4400-123 FMF SASSY Management Unit Procedures
 13. UM 4790-5 MIMMS AIS, Field Maintenance Procedures
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0411-OPS-2404: Monitor maintenance production cycle requirements

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

BILLETS: Maintenance Management Analyst, Maintenance Management Chief, Maintenance Management Specialist

GRADES: CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given the unit TO&E, computer access, MAIS access, reports, records, forms, support databases, and supply management reports.

STANDARD: Evaluating the efficiency, safety and quality assurance of maintenance production processes and procedures.

PERFORMANCE STEPS:

1. Coordinate scheduling for command directed maintenance stand-downs.
2. Validate maintenance personnel and equipment allocations.
3. Provide guidance for maintenance measures of effectiveness (MOE).
4. Validate maintenance resources/production requirements.
5. Validate parts identification/usage/inventories.
6. Supervise field level equipment maintenance validation/reconciliation procedures.
7. Conduct specified equipment or weapon system operational availability assessments.
8. Monitor quality assurance and quality control programs for effectiveness.
9. Assist in unit's operational/maintenance planning efforts.
10. Direct participation in maintenance related programs.
11. Conduct a functional area capability assessment.
12. Ensure adherence to performance measures for Contractor Logistics Support (CLS).
13. Prepare an Appendix 12 to the Annex D.
14. Evaluate a unit's maintenance production cycle information/work flow.
15. Monitor the establishment of commodity/section safety programs.

REFERENCES:

1. Annex D Operations Plan, Embarkation Letter of Instruction (LOI)
2. CPI Continuous Process Improvement (CPI) Reference Bundle
3. MCBUL 3000 Marine Corps Automated Readiness Evaluation System (MARES) Equipment
4. MCO 3000.11_ Ground Equipment Condition and Supply Materiel Readiness

- Reporting (MRR) Policy
5. MCO 4000.57_ Marine Corps Total Life Cycle Management (TLCM) of Ground Weapons Equipment and Material
 6. MCO 4081.2 Marine Corps Performance Based Logistics (PBL)
 7. MCO 4105.2_ Marine Corps Warranty Program
 8. MCO 4200.33 Contractor Logistics Support (CLS) for Ground Equipment, Weapon Systems, Munitions, and Information Systems
 9. MCO 4733.1_ Marine Corps Test, Measurement, and Diagnostic Equipment (TMDE) Calibration and Maintenance Program (CAMP)
 10. MCO 4790.18_ Corrosion Prevention and Control (CPAC) Program
 11. MCO 4790.19 Depot Maintenance Policy
 12. MCO 4855.10_ Product Quality Deficiency Report (PQDR)
 13. MCO 5100.29_ Marine Corps Safety Program
 14. MCO 5100.8 Marine Corps Occupational Safety and Health (OSH) Policy Order (May 06)
 15. MCO P4400.150_ Consumer Level Supply Policy Manual
 16. MCO P4400.82_ Regulated/Controlled Item Management Manual
 17. MCO P4790.1 MIMMS Introduction Manual
 18. MCO P4790.2_ MIMMS Field Procedures Manual
 19. MCWP 4-11.4 Maintenance Operations
 20. PC MIMMS Tech Guide PC MIMMS Technical Guide
 21. SL-1-2 Index of Authorized Publication for Equipment Support
 22. SL-1-3 Index of Authorized Publication for Equipment Support
 23. SL-3 MCSL Component listing
 24. SL-4 Repair, Maintenance, and Management Lists
 25. TI 4710-14/1 Replacement and Evacuation Criteria
 26. TM Equipment Technical Manual
 27. TM 4700-15/1_ Ground Equipment Record Procedures
 28. TM 4795-OR/1 Organizational Corrosion Prevention and Control Procedures for USMC Ground Combat Equipment
 29. UM 4400-123 FMF SASSY Management Unit Procedures
 30. UM 4790-5 MIMMS AIS, Field Maintenance Procedures
 31. UM-PLMS Marine Corps Publications Library Management System (PLMS) Users Manual
 32. Unit T/O&E Unit's Table of Organization and Equipment

0411-OPS-2405: Conduct maintenance/supply operations continuous process improvement (CPI) assessments

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

BILLETS: Maintenance Management Analyst, Maintenance Management Chief, Maintenance Management Specialist

GRADES: CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given the requirement and resources.

STANDARD: Increasing materiel readiness in support of equipment availability

and operational planning.

PERFORMANCE STEPS:

1. Monitor personnel and equipment allowance reviews.
2. Monitor applicable maintenance performance measures and metrics.
3. Evaluate past unit inspections and evaluations.
4. Perform CPI reviews of the unit's maintenance, supply, transportation, and distribution processes and procedures.
5. Provide CPI recommendations to increase process/procedures efficiency and effectiveness.
6. Implement CPI controls/recommendations.
7. Document CPI initiatives.

REFERENCES:

1. DLA Customer Assistance Handbook
2. MCBUL 3000 Marine Corps Automated Readiness Evaluation System (MARES) Equipment
3. MCO 3000.11_ Ground Equipment Condition and Supply Materiel Readiness Reporting (MRR) Policy
4. MCO 4400.16_ Uniform Material Movement and Issue Priority System
5. MCO 4400.194 Class VII Stock Rotation Program
6. MCO 4733.1_ Marine Corps Test, Measurement, and Diagnostic Equipment (TMDE) Calibration and Maintenance Program (CAMP)
7. MCO 4855.10 Product Quality Deficiency Report (PQDR)
8. MCO 5311.1_ Total Force Structure Process (TFSP)
9. MCO P4400.150_ Consumer Level Supply Policy Manual
10. MCO P4790.1_ MIMMS Introduction Manual
11. MCO P4790.2_ MIMMS Field Procedures Manual
12. MCO P5215.17_ Marine Corps Technical Publications System
13. MCWP 4-1 Logistics Operations
14. MCWP 4-11 Tactical-Level Logistics
15. MCWP 4-11.4 Maintenance Operations
16. MCWP 4-11.7 MAGTF Supply Operations
17. MCWP 4-12 Operational-Level Logistics
18. MSTP PAM 4-0.2 A Logistics Planner's Guide
19. SECNAV M-5216.5_ Department of the Navy Correspondence Manual
20. SI 5600 SERIES Cancellations, Marine Corps Technical Publications
21. SL-3 MCSL Component listing
22. SL-4 Repair, Maintenance, and Management Lists
23. TI 4710-14/1 Replacement and Evacuation Criteria
24. TI 5600 Publication Information Marine Corps Equipment
25. TM Equipment Technical Manual
26. TM 4700-15/1_ Ground Equipment Record Procedures
27. UM 4400-123 FMF SASSY Management Unit Procedures
28. UM 4790-5 MIMMS AIS, Field Maintenance Procedures
29. Unit T/O&E Unit's Table of Organization and Equipment

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Baseline formal training in CPI concepts is available through local educational institutions and contracted training providers. Application of CPI concepts within the Marine Corps as covered in this T&R event requires additional training.

0411-OPS-2406: Monitor supply support requirements

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

BILLETS: Maintenance Management Analyst, Maintenance Management Chief, Maintenance Management Specialist

GRADES: CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given computer access, requirements, and resources.

STANDARD: Assessing equipment availability for sustained operations.

PERFORMANCE STEPS:

1. Coordinate new equipment fielding requirements.
2. Conduct supply support assessments.
3. Monitor maintenance/supply validation process.
4. Monitor maintenance/supply reconciliation process.
5. Monitor supply/distribution support programs.
6. Supervise support/special equipment allowances.
7. Assist in the preparation of unit Operations & Maintenance (O&M) field budget planning/requirements.
8. Monitor contractor logistics support (CLS).
9. Monitor supply performance measures and metrics.
10. Monitor supporting asset visibility information tools.
11. Enforce Uniform Materiel Management Information Processing System (UMMIPS).

REFERENCES:

1. DLA Customer Assistance Handbook
2. FLIS Federal Logistics Information Systems
3. FM 101-5 Staff Organization and Operations
4. MCBUL 3000 Marine Corps Automated Readiness Evaluation System (MARES) Equipment
5. MCO 4105.2_ Marine Corps Warranty Program
6. MCO 4400.16_ Uniform Material Movement and Issue Priority System
7. MCO 4733.1_ Marine Corps Test, Measurement, and Diagnostic Equipment (TMDE) Calibration and Maintenance Program (CAMP)
8. MCO 7100.8 Field Budget Guidance Manual
9. MCO P4400.150_ Consumer Level Supply Policy Manual
10. MCO P4400.82_ Regulated/Controlled Item Management Manual
11. MCO P4790.1 MIMMS Introduction Manual
12. MCO P4790.2_ MIMMS Field Procedures Manual
13. UM 4400-123 FMF SASSY Management Unit Procedures
14. UM 4790-5 MIMMS AIS, Field Maintenance Procedures
15. Unit T/O&E Unit's Table of Organization and Equipment

0411-OPS-2407: Conduct equipment condition reporting assessment

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

BILLETS: Maintenance Management Analyst, Maintenance Management Chief,
Maintenance Management Specialist

GRADES: CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given resources and a requirement.

STANDARD: Ensuring the unit's equipment readiness in support of performing
its mission.

PERFORMANCE STEPS:

1. Determine equipment readiness reporting requirements.
2. Validate status of reportable equipment.
3. Analyze data for reporting trends.
4. Develop courses of action to enhance equipment readiness reporting.
5. Coordinate with personnel on equipment availability.
6. Conduct a Readiness brief/report.

REFERENCES:

1. MCBUL 3000 Marine Corps Automated Readiness Evaluation System (MARES)
Equipment
 2. MCO 3000.11_ Ground Equipment Condition and Supply Materiel Readiness
Reporting (MRR) Policy
 3. MCO 4400.16_ Uniform Material Movement and Issue Priority System
 4. MCO 4400.194 Class VII Stock Rotation Program
 5. MCO 4790.18_ Corrosion Prevention and Control (CPAC) Program
 6. MCO P3000.13 Marine Corps Status of Resources and Training System (SORTS)
 7. MCO P4400.82_ Regulated/Controlled Item Management Manual
 8. MCO P4790.1 MIMMS Introduction Manual
 9. MCO P4790.2_ MIMMS Field Procedures Manual
 10. MCWP 4-11.4 Maintenance Operations
 11. OPNAVINST 3000.12_ Operational Availability of Equipment and Weapons
Systems
 12. TM Equipment Technical Manual
 13. TM 4700-15/1_ Ground Equipment Record Procedures
 14. UM 4400-123 FMF SASSY Management Unit Procedures
 15. UM 4790-5 MIMMS AIS, Field Maintenance Procedures
 16. Unit T/O&E Unit's Table of Organization and Equipment
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LOG T&R MANUAL

CHAPTER 8

MOS 0430 INDIVIDUAL EVENTS

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CHAPTER 8

MOS 0430 INDIVIDUAL EVENTS

8000. PURPOSE. This chapter details the individual events that pertain to Mobility Officers. Each individual event provides an event title, along with the conditions events will be performed under, and the standard to which the event must be performed to be successful.

8001. EVENT CODING. Events in this T&R manual are depicted with an up to 12-digit, 3-field alphanumeric system (i.e., XXXX-XXXX-XXXX). This chapter utilizes the following methodology:

a. Field one. This field represents the MOS. This chapter contains the following MOS codes:

<u>Code</u>	<u>Description</u>
0430	Mobility Officer

b. Field two. This field represents the functional/duty area. This chapter contains the following functional/duty areas:

<u>Code</u>	<u>Description</u>
CCO	Combat Cargo Operations
EXCU	Execute Plan
LOGR	Logistics and Readiness
PLAN	Planning

c. Field three. This field provides the level at which the event is accomplished and numerical sequencing of events. This chapter contains the following event levels:

<u>Code</u>	<u>Description</u>
1000	Core Skills
2100	Core Plus Skills
2200	Advanced Core Plus Skill, Formal
2900	Advanced Core Plus Skill, MOJT

8002. INDEX OF EVENTS

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8003. 2000-LEVEL EVENTS**0430-CCO-2101:** Perform Combat Cargo Officer duties**EVALUATION-CODED:** NO**SUSTAINMENT INTERVAL:** 12 months**MOS PERFORMING:** 0430**BILLETS:** Combat Cargo Officer**GRADES:** WO, CWO2, CWO3, CWO4**INITIAL TRAINING SETTING:** FORMAL**CONDITION:** Given a requirement, personnel, and equipment**STANDARD:** IAW MCRP 4-11_ Combat Cargo Handbook**PERFORMANCE STEPS:**

1. Advise the ships commanding officer on loading plans for the landing force.
2. Maintain Ship Loading Characteristics Pamphlet (SLCP).
3. Assist in the preparation and distribution of Embarked Troop Regulations.
4. Create LFORM supplement.
5. Ensure habitability of landing force spaces.
6. Review and validate ship alterations (SHIPALTS) to landing force spaces.
7. Maintain liaison with the landing force.
8. Staff load plan documentation.

9. Coordinate the support of landing force requirements.
10. Coordinate Ships Platoon integration.
11. Supervise Combat Cargo Platoon.
12. Coordinate the loading/offloading.
13. Support ship-to-shore movement of the landing force.
14. Prepare amphibious documentation.

REFERENCES :

1. Ship's Booklet of General Plans
2. CFR 40 Code of Federal Regulations - Hazardous Substances & Wastes
3. CFR 49 Code of Federal Regulations - Hazardous Materials
4. CFR 49 Parts 100-185 Code of Federal Regulations - Transportation
5. COMNAVSURF EOD
6. COMNAVSURFFOR 5400.1_ Force Regulations
7. COMNAVSURFLANTINST 3340.3 C Wet Well Operations Manual
8. COMNAVSURFORINST 3130.1_ Deployment of Helicopter Search and Rescue (SAR) Detachments in Support of Amphibious Operations and Training
9. COMNAVSURFORINST 4621.1/COMMARFORCOMO 4621.1/ COMMARFORPACO 4621.1B Landing Force Spaces, Ship's Loading Characteristics Pamphlet (SLCP), Troop Regulations (Troop Regs) and Amphibious Embarkation Documentation
10. COMNAVSURFPACINST 4080
11. COMNAVSURFPACINST 4600.2_ Policy for Utilization of Opportune Lift
12. COMNAVSURFPACINST 7010-1 Recreation Fund Support to Navy Staff and Marine Force Units Embarked Aboard Ships
13. COMNAVSURFPACINST 7320.1 Troops Space Inventory/Inspection/Reimbursement Procedures
14. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
15. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
16. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
17. DOD 4500.9-R (Part V) Defense Transportation Regulation Part V (DOD Customs and Border Clearance Policies and Procedures)
18. DOD 4500.9-R (Part VI) Defense Transportation Regulation Part VI (Management and Control of Intermodal Containers and System 4631 Equipment)
19. ICODES User's Manual <https://eta.sddc.army.mil/etassoportal/default.aspx>
20. IMDG International Maritime Dangerous Goods Code
21. JP 3-02.1 Landing Force Operations
22. JP 3-02 Amphibious Operations
23. JP 3-02.2 Amphibious Embarkation
24. MCO 8020.10_ Marine Corps Ammunition and Explosives Safety Program
25. MCO P4030.36_ Marine Corps Packaging Manual
26. MCO P4400.39_ War Reserve Materiel (WRM) Policy Manual
27. MCRP 3-31.1A Employment of Landing Craft Air Cushion (LCAC)
28. MCRP 3-31B Amphibious Ships and Landing Craft
29. MCRP 4-11.3D/NWP 22.5 The Naval Beach Group
30. MCRP 4-11C Combat Cargo Operations Handbook
31. MCWP 3-31.5 Ship-to-Shore Movement
32. NATICK PAM 30-25 Operational Rations
33. NAVSEA OP 4 Ammunition Afloat
34. PC-POP III Performance Oriented Packaging (POP) Personal Computer Program

III
35. SECNAVINST 5216.5 Naval Correspondence Manual

0430-CCO-2902: Perform Staff Combat Cargo Officer duties

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0430

BILLETS: Staff Combat Cargo Officer

GRADES: CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: MOJT

CONDITION: Given a requirement, personnel, cargo and equipment.

STANDARD: IAW MCRP 4-11_ Combat Cargo Handbook.

PERFORMANCE STEPS:

1. Advise the naval commander on load plans for the landing force.
2. Maintain Ship Loading Characteristics Pamphlet (SLCP).
3. Assist in the preparation and distribution of Embarked Troop Regulations.
4. Monitor LFORM program.
5. Ensure habitability of landing force spaces.
6. Review and validate ship alterations (SHIPALTS) to landing force spaces.
7. Maintain liaison with the landing force.
8. Staff load plan documentation.
9. Coordinate the support of landing force requirements.
10. Coordinate Ships Platoon integration.
11. Facilitate Combat Cargo Platoon training.
12. Coordinate the loading/offloading.
13. Support ship-to-shore movement of the landing force.
14. Prepare amphibious documentation.
15. Coordinate opportune lift requirements.

REFERENCES:

1. Ship's Booklet of General Plans
2. CFR 40 Code of Federal Regulations - Hazardous Substances & Wastes
3. CFR 49 Code of Federal Regulations - Hazardous Materials
4. CFR 49 Parts 100-185 Code of Federal Regulations - Transportation
5. COMNAVSURF EOD
6. COMNAVSURFFOR 5400.1_ Force Regulations
7. COMNAVSURFLANTINST 3340.3 C Wet Well Operations Manual
8. COMNAVSURFLANTINT 4080.1_ Landing Force Operational Reserve Materiel (LFORM) Aboard Amphibious Warfare Ships (or COMNAVSURFPAC equivalent)
9. COMNAVSURFORINST 3130.1_ Deployment of Helicopter Search and Rescue (SAR) Detachments in Support of Amphibious Operations and Training
10. COMNAVSURFORINST 4621.1/COMMARFORCOMO 4621.1/ COMMARFORPACO 4621.1B Landing Force Spaces, Ship's Loading Characteristics Pamphlet (SLCP), Troop Regulations (Troop Regs) and Amphibious Embarkation Documentation

11. COMNAVSURFPACINST 4080
12. COMNAVSURFPACINST 4600.2_ Policy for Utilization of Opportune Lift
13. COMNAVSURFPACINST 7010-1 Recreation Fund Support to Navy Staff and Marine Force Units Embarked Aboard Ships
14. COMNAVSURFPACINST 7320.1 Troops Space Inventory/Inspection/Reimbursement Procedures
15. DOD 4500.9-R Defense Transportation Regulation (DTR)
16. ICODES User's Manual <https://eta.sddc.army.mil/etassoportal/default.aspx>
17. IMDG International Maritime Dangerous Goods Code
18. JP 3-02.1 Landing Force Operations
19. JP 3-02 Amphibious Operations
20. JP 3-02.2 Amphibious Embarkation
21. MCO 8020.10_ Marine Corps Ammunition and Explosives Safety Program
22. MCO P4030.36_ Marine Corps Packaging Manual
23. MCO P4400.39_ War Reserve Materiel (WRM) Policy Manual
24. MCRP 3-31.1A Employment of Landing Craft Air Cushion (LCAC)
25. MCRP 4-11.3D/NWP 22.5 The Naval Beach Group
26. MCRP 4-11.3G Unit Embarkation Handbook
27. MCRP 4-11C Combat Cargo Operations Handbook
28. MCWP 5-1 Marine Corps Planning Process (MCPPE)
29. NAVSEA OP 4 Ammunition Afloat
30. Unit Move Automated Information System (AIS) Users Manual

0430-EXCU-2101: Supervise asset tracking functions

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 1 month

MOS PERFORMING: 0430

GRADES: WO, CW02, CW03, CW04, CW05, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given deployment data, mode & source, and AIS.

STANDARD: To ensure compliance with DOD asset tracking policies.

PERFORMANCE STEPS:

1. Implement unit asset tracking requirements.
2. Validate unit data for AIS interface.
3. Ensure supplies & equipment are prepared for movement operations.
4. Verify upload of unit data into DOD ITV systems.
5. Track unit equipment and cargo locations using AIT.
6. Validate asset tracking.
7. Generate reports.

REFERENCES:

1. CMC DCI RFID Radio Frequency Identification (RFID) Implementation Plan
2. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
3. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo

- Movement)
4. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III
(Mobility)
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0430-EXCU-2102: Coordinate amphibious embarkation and debarkation

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0430

BILLETS: Embarkation Officer, Team Embarkation Officer

GRADES: WO, CW02, CW03, CAPT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given concept of operations, supplies and equip, and references

STANDARD: Supporting landing plan/offload sequence requirement(s)

PERFORMANCE STEPS:

1. Review the OE&AS.
2. Review the landing plan.
3. Review the SLCP.
4. Validate deployment data for landing force assets.
5. Complete the ship load plan.
6. Reconcile the load plan.
7. Ensure landing force equipment is prepared for embarkation.
8. Review amphibious on load/offload documentation.
9. Ensure landing force assets are staged for embarkation.
10. Identify requirements ISO embarkation.
11. Report the status of embarkation.
12. Reconcile load plan upon completion of ship load.
13. Submit landing force data to the ships Combat Cargo Officer for completion of the Embarked Personnel and Materials Report.

REFERENCES:

1. CFR 40 Code of Federal Regulations - Hazardous Substances & Wastes
2. CFR 49 Code of Federal Regulations - Hazardous Materials
3. CFR 49 Parts 100-185 Code of Federal Regulations - Transportation
4. COMNAVSURF EOD
5. COMNAVSURFFOR 5400.1_ Force Regulations
6. COMNAVSURFLANTINST 3340.3 C Wet Well Operations Manual
7. COMNAVSURFORINST 3130.1_ Deployment of Helicopter Search and Rescue (SAR) Detachments in Support of Amphibious Operations and Training
8. COMNAVSURFORINST 4621.1/COMMARFORCOMO 4621.1/ COMMARFORPACO 4621.1B Landing Force Spaces, Ship's Loading Characteristics Pamphlet (SLCP), Troop Regulations (Troop Regs) and Amphibious Embarkation Documentation
9. COMNAVSURFPACINST 4080.1_/COMNAVSURFLANTINST 4080.1_ Landing Forces Operational Readiness Reserve Materiel (LFORM) Aboard Amphibious Warfare Ships of the U.S. Pacific and Atlantic Fleets

10. COMNAVSURFPACINST 4600.2_ Policy for Utilization of Opportune Lift
11. COMNAVSURFPACINST 7010-1 Recreation Fund Support to Navy Staff and Marine Force Units Embarked Aboard Ships
12. COMNAVSURFPACINST 7320.1 Troops Space Inventory/Inspection/Reimbursement Procedures
13. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
14. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
15. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
16. DOD 4500.9-R (Part V) Defense Transportation Regulation Part V (DOD Customs and Border Clearance Policies and Procedures)
17. DOD 4500.9-R (Part VI) Defense Transportation Regulation Part VI (Management and Control of Intermodal Containers and System 4631 Equipment)
18. ICODES User's Manual <https://eta.sddc.army.mil/etassoportal/default.aspx>
19. IMDG International Maritime Dangerous Goods Code
20. JP 3-02.1 Landing Force Operations
21. JP 3-02 Amphibious Operations
22. JP 3-02.2 Amphibious Embarkation
23. MCO 8020.10_ Marine Corps Ammunition and Explosives Safety Program
24. MCO P4030.36_ Marine Corps Packaging Manual
25. MCO P4400.39_ War Reserve Materiel (WRM) Policy Manual
26. MCRP 3-31.1A Employment of Landing Craft Air Cushion (LCAC)
27. MCRP 3-31B Amphibious Ships and Landing Craft
28. MCRP 4-11.3D/NWP 22.5 The Naval Beach Group
29. MCRP 4-11C Combat Cargo Operations Handbook
30. MCWP 3-31.5 Ship-to-Shore Movement
31. NATICK PAM 30-25 Operational Rations
32. NAVSEA OP 4 Ammunition Afloat
33. PC-POP III Performance Oriented Packaging (POP) Personal Computer Program III
34. SECNAVINST 5216.5 Naval Correspondence Manual
35. Ship's Booklet of General Plans

0430-EXCU-2103: Coordinate unit movement

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0430

GRADES: WO, CWO2, CWO3, CAPT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given concept of operations, personnel, supplies and equipment, unit move AIS data, and references.

STANDARD: To meet mission requirement(s).

PERFORMANCE STEPS:

1. Verify movement AIS data.
2. Establish unit movement support requirements.
3. Coordinate required support with unit move agencies.
4. Promulgate movement timeline.

REFERENCES:

1. AMC 36-1 AMC Affiliation Program Airlift Planner's Pamphlet
2. AMC Affiliation Workbook 36-101, Vol 1 Equipment Preparation Course
3. AMC Affiliation Workbook 36-101, Vol 2 Airlift Planners Course
4. CFR 49 Parts 100-185 Code of Federal Regulations - Transportation
5. CMC DCI RFID Radio Frequency Identification (RFID) Implementation Plan
6. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
7. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
8. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
9. IATA International Air Transport Association (IATA) Dangerous Goods Regulation
10. IMDG International Maritime Dangerous Goods Code
11. LOGAIS UM Logistics Automated Information System User's Manual
12. MARCORSYSCOM Unit Move AIS website
<http://www.marcorsyscom.usmc.mil/sites/tdis/MDSSII.asp>
13. MCO 3000.18_ Marine Corps Force Deployment Planning and Execution Process Manual (FDP&E Manual)
14. MCRP 4-11.3G Unit Embarkation Handbook
15. MCWP 5-1 Marine Corps Planning Process (MCPPE)
16. TM 10510-OD.1_ General Purpose Test Measurement and Diagnostic Equipment
17. TM 11240-OD_ Principal Technical Characteristics of U.S. Marine Corps Motor Transport Equipment
18. TM 11275-15.3_ Principle Technical Characteristics of U.S. Marine Corps Engineer Equipment
19. TM 2000-OD.2_ Principle Technical Characteristics of U.S. Marine Corps Communication-Electronics Equipment
20. TM 8000-10.1_ Principle Technical Characteristics of U.S. Marine Corps Ordnance Equipment
21. Unit SOP Unit's Standing Operating Procedures
22. Users Manual Unit Move Automated Information System (AIS) Users Manual

0430-EXCU-2104: Supervise the preparation of supplies and equipment

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0430

GRADES: WO, CWO2, CWO3, CAPT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given personnel, supplies and equipment to be embarked, necessary

tools, equipment, references, and assignment to conveyance.

STANDARD: To meet unit move requirements in accordance with conveyance restraints.

PERFORMANCE STEPS:

1. Verify unit move AIS data.
2. Supervise pre-deployment inspections at UMA.
3. Ensure certification of hazardous material for shipment.
4. Supervise staging of supplies and equipment.
5. Ensure adherence to ITV policies.

REFERENCES:

1. AMC 36-1 AMC Affiliation Program Airlift Planner's Pamphlet
2. AMC Affiliation Workbook 36-101, Vol 1 Equipment Preparation Course
3. AMC Affiliation Workbook 36-101, Vol 2 Airlift Planners Course
4. CFR 49 Parts 100-185 Code of Federal Regulations - Transportation
5. CMC DCI RFID Radio Frequency Identification (RFID) Implementation Plan
6. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
7. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
8. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
9. IATA International Air Transport Association (IATA) Dangerous Goods Regulation
10. IMDG International Maritime Dangerous Goods Code
11. ISO Standard 6346 Freight Contain Coding ID & Marking
12. LOGAIS UM Logistics Automated Information System User's Manual
13. MCRP 4-11.3G Unit Embarkation Handbook
14. Unit SOP Unit's Standing Operating Procedures
15. TM 10510-OD.1_ General Purpose Test Measurement and Diagnostic Equipment
16. TM 11240-OD_ Principal Technical Characteristics of U.S. Marine Corps Motor Transport Equipment
17. TM 11275-15.3_ Principle Technical Characteristics of U.S. Marine Corps Engineer Equipment
18. TM 8000-10.1_ Principle Technical Characteristics of U.S. Marine Corps Ordnance Equipment

0430-EXCU-2105: Support ship-to-shore movement

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0430

GRADES: WO, CW02, CW03, CW04, CAPT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a requirement, an amphibious operations order, and landing plan.

STANDARD: IAW MCWP 3-31.5 Ship-to-Shore Movement.

PERFORMANCE STEPS:

1. Coordinate with movement control organizations.
2. Monitor communications to track the execution of the offload.
3. Coordinate transportation for assets with appropriate ship-to-shore movement coordination agency.
4. Support the landing rehearsal.

REFERENCES:

1. JP 3-02.1 Landing Force Operations
 2. JP 3-02.2 Amphibious Embarkation
 3. MCWP 3-31.5 Ship-to-Shore Movement
 4. MCWP 4-11 Tactical-Level Logistics
 5. Unit SOP Unit's Standing Operating Procedures
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0430-EXCU-2206: Supervise shipment of hazardous materials

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0430

GRADES: WO, CW02, CW03, CW04, CAPT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given certified personnel, cargo/equipment containing hazardous material, required forms, and references.

STANDARD: To meet certification requirements.

PERFORMANCE STEPS:

1. Identify certification requirements.
2. Verify hazardous cargo has been properly packaged and marked.
3. Verify documentation.
4. Ensure hazardous cargo is properly separated and segregated.
5. Ensure proper care in handling hazardous cargo.

REFERENCES:

1. CFR 49 Code of Federal Regulations - Hazardous Materials
2. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
3. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
4. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
5. IATA International Air Transport Association (IATA) Dangerous Goods Regulation
6. IMDG International Maritime Dangerous Goods Code
7. MCO 4030.40_ Packaging of Hazardous Material
8. MCO P4030.19_ Preparing Hazardous Materials for Military Air Shipments

9. MSDS Material Safety Data Sheets
10. PC-POP III Performance Oriented Packaging (POP) Personal Computer Program III

0430-EXCU-2207: Support commercial ship loading operations

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 24 months

MOS PERFORMING: 0430

GRADES: WO, CWO2, CWO3, CWO4, CAPT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a commercial ship, supplies and equipment to be loaded, unit move data, and AIS.

STANDARD: To support embarked asset movement requirements in accordance with the Time Phased Force Deployment Data (TPFDD).

PERFORMANCE STEPS:

1. Prepare commercial ship documentation, as required.
2. Ensure preparation of supplies & equipment for commercial ship loading.
3. Coordinate vessel loading.
4. Assist in the preparation of ship loading reports.

REFERENCES:

1. CFR 49 Code of Federal Regulations - Hazardous Materials
2. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
3. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
4. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
5. DOD 4500.9-R (Part V) Defense Transportation Regulation Part V (DOD Customs and Border Clearance Policies and Procedures)
6. ICODES website <https://www.ICODESweb.com/>
7. IMDG International Maritime Dangerous Goods Code
8. MTMCTEA PAM 700-4 Vessel Characteristics for Shiploading
9. MTMCTEA PAM 700-6 Large, Medium Speed, Roll-On Roll-Off Ship
10. MTMCTEA PAM 700-7 Fast Sealift Ship Users Manual
11. NAVSEA OP 4 Ammunition Afloat

0430-EXCU-2908: Supervise unit air embarkation

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0430

GRADES: WO, CWO2, CWO3, CAPT

INITIAL TRAINING SETTING: MOJT

CONDITION: Given an operation order, deployment information, aircraft allocation, and equipment to deploy.

STANDARD: IAW Defense Travel Regulations (DTR) Volume III.

PERFORMANCE STEPS:

1. Submit initial aircraft load plan.
2. Submit Hazardous Material Diplomatic Clearance (HAZDIP), as required.
3. Validate aircraft allocation.
4. Validate TCNs are assigned.
5. Validate air transportability certification.
6. Supervise staging at unit marshalling area (UMA).
7. Coordinate movement to APOE.
8. Coordinate inspections.
9. Prepare air documentation.
10. Provide certified aircraft load plan.
11. Ensure the designated agency provides passengers manifests.
12. Track unit mission status.

REFERENCES:

1. AMC Affiliation Workbook 36-101, Vol 1 Equipment Preparation Course
2. AMC Affiliation Workbook 36-101, Vol 2 Airlift Planners Course
3. ATTLA Air Transportability Test Loading Agency https://www.my.af.mil/gcss-af/USAF/content/AFKN_RSO
4. CFR 49 Parts 100-185 Code of Federal Regulations - Transportation
5. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
6. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
7. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
8. IATA International Air Transport Association (IATA) Dangerous Goods Regulation
9. MCO P4030.19_ Preparing Hazardous Materials for Military Air Shipments
10. MCRP 4-11.3G Unit Embarkation Handbook
11. SMS Website <https://sms.transcom.mil>
12. Unit SOP Unit's Standing Operating Procedures

0430-LOGR-2101: Manage unit embarkation inspection program

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0430

GRADES: WO, CWO2, CWO3, CWO4, CWO5, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given AIS data, personnel and equipment, unit to be inspected, and references.

STANDARD: IAW MCRP 4-11.3_ Unit Embarkation Handbook.

PERFORMANCE STEPS:

1. Establish inspection schedule.
2. Validate unit personnel training report.
3. Validate AIS data.
4. Supervise inspections.
5. Report inspection results.
6. Ensure corrective action taken.

REFERENCES:

1. AMC Affiliation Workbook 36-101, Vol 1 Equipment Preparation Course
 2. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
 3. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
 4. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
 5. MCO 3000.18_ Marine Corps Force Deployment Planning and Execution (FDP&E) Manual
 6. MCRP 4-11.3G Unit Embarkation Handbook
 7. MCRP 4-11C Combat Cargo Operations Handbook
 8. MCWP 4-11.3 Transportation Operations
 9. NAVMC 3500.27_ Logistics Training and Readiness Manual
 10. Unit SOP Unit's Standing Operating Procedures
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0430-LOGR-2102: Manage unit embarkation training program

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 0430

GRADES: WO, CWO2, CWO3, CWO4, CWO5, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given inspection results, personnel and equipment, formal schools training schedule, and references.

STANDARD: In accordance with Unit Training Manual.

PERFORMANCE STEPS:

1. Identify training deficiencies.
2. Validate embarkation unit personnel training report.
3. Establish training requirements.
4. Establish annual training plan.
5. Ensure conduct of MOS Training as prescribed by NAVMC 3500.27_.

REFERENCES:

1. AMC Affiliation Workbook 36-101, Vol 1 Equipment Preparation Course
 2. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
 3. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
 4. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
 5. MCO 1553.3_ Unit Training Management (UTM)
 6. MCRP 4-11.3G Unit Embarkation Handbook
 7. MCRP 4-11C Combat Cargo Operations Handbook
 8. MCWP 4-11.3 Transportation Operations
 9. NAVMC 3500.27_ Logistics Training and Readiness Manual
 10. Unit SOP Unit's Standing Operating Procedures
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0430-LOGR-2903: Perform Strategic Mobility Officer duties

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 24 months

MOS PERFORMING: 0430

GRADES: CW03, CW04, CW05, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: MOJT

CONDITION: When assigned to the service headquarters, a component, MARFOR, or MEF staff, and given requirements and references.

STANDARD: IAW MCRP 4-11.3_ Unit Embarkation Handbook.

PERFORMANCE STEPS:

1. Prepare strategic mobility plans.
2. Execute strategic mobility plans.
3. Articulate MAGTF's mobility needs to higher headquarters, unified and specified commanders, and the transportation component command.
4. Publish strategic airlift/sealift policy.
5. Manage 463L pallet system war reserves.
6. Manage occupational field personnel.
7. Coordinate prepositioning operations with Operating Forces.
8. Assist the MAGTF Deployment Distribution Officer.
9. Manage the occupational field standardization.

REFERENCES:

1. CJCSM 3122.02_ Joint Operation Planning and Execution System (JOPES) Volume III: Time Phased Force and Deployment Data Development and Execution
2. DOD 4500.9-R Defense Transportation Regulation (DTR)
3. JP 4-01 Defense Transportation
4. JP 5-03.1 Joint Operation Planning and Execution System Volume I (Planning Policies and Procedures)
5. MCBUL 3120 Forces Synchronization Playbook (classified)

6. MCO 1200.17_ Military Occupational Specialties (MOS) Marine Corps Manual (MOS Manual)
 7. MCO 3000.18_ Marine Corps Force Deployment Planning and Execution Process Manual (FDP&E Manual)
 8. MCO 4470.1_ MAGTF Deployment and Distribution Policy (MDDP)
 9. MCO P7100.8K Field Budget Guidance Manual (Jul 87)
 10. MCRP 4-11.3G Unit Embarkation Handbook
 11. MCWP 3-32 Maritime Prepositioning Force Operations
 12. MCWP 5-1 Marine Corps Planning Process (MCPPE)
 13. Unit SOP Unit's Standing Operating Procedures
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0430-LOGR-2904: Manage transportation budget

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0430

GRADES: WO, CWO2, CWO3, CWO4, CWO5, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: MOJT

CONDITION: Given a Training Exercise Employment Plan (TEEP), transportation rate tables, historical data, comptroller guidance, long range forecast, deployment data, AIS, and references.

STANDARD: IAW MCO P7100.8_.

PERFORMANCE STEPS:

1. Review TEEP.
2. Publish planning factors.
3. Consolidate annual transportation budget inputs.
4. Generate transportation budget estimate.
5. Maintain fiscal ledgers.
6. Brief deficiencies to G-3/Comptroller.
7. Consolidate monthly transportation budget adjustments.
8. Make transportation budget recommendations.
9. Validate liquidation reports against expended funds.

REFERENCES:

1. MCBUL 3120 Forces Synchronization Playbook (classified)
 2. MCO P7100.8K Field Budget Guidance Manual (Jul 87)
 3. SMS Website <https://sms.transcom.mil>
 4. Unit SOP Unit's Standing Operating Procedures
 5. TWCF Transportation Working Capital Fund
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0430-PLAN-2101: Support deployment planning

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0430

GRADES: WO, CWO2, CWO3, CWO4, CWO5, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given concept of operation, planning guidance, force requirements, AIS, and references

STANDARD: To ensure that associated deployment plans support the concept of operation

PERFORMANCE STEPS:

1. Participate in the Marine Corps Planning Process.
2. Provide input for mission budget.
3. Develop an embarkation LOI.
4. Identify transportation requirements.

REFERENCES:

1. CJCSM 3122.12_ Joint Operation Planning and Execution System (JOPES)
2. CMC DCI RFID Radio Frequency Identification (RFID) Implementation Plan
3. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
4. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
5. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
6. ICODES User's Manual <https://eta.sddc.army.mil/etassoportal/default.aspx>
7. JP 1-02 DOD Dictionary of Military and Associated Terms
8. JP 5-03.1 Joint Operation Planning and Execution System Volume I (Planning Policies and Procedures)
9. MARADMIN 253/07 Interim Procedures for Managing Equipment Data in TFSMS
10. MCO 3000.18_ Marine Corps Force Deployment Planning and Execution Process Manual (FDP&E Manual)
11. MCO 8010.1_ Class V (W) Planning Factors for Fleet Marine Force Combat Operations
12. MCWP 5-1 Marine Corps Planning Process (MCPPE)
13. TM 10510-OD.1_ General Purpose Test Measurement and Diagnostic Equipment
14. TM 11240-OD_ Principal Technical Characteristics of U.S. Marine Corps Motor Transport Equipment
15. TM 11275-15.3_ Principle Technical Characteristics of U.S. Marine Corps Engineer Equipment
16. TM 2000-OD.2_ Principle Technical Characteristics of U.S. Marine Corps Communication-Electronics Equipment
17. TM 8000-10.1_ Principle Technical Characteristics of U.S. Marine Corps Ordnance Equipment
18. Users Manual Unit Move Automated Information System (AIS) Users Manual

0430-PLAN-2102: Manage unit move AIS data

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 0430

BILLETS: Embarkation Officer

GRADES: WO, CWO2, CWO3, CAPT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given AIS, supplies and equipment, and references.

STANDARD: To ensure all unit move requirements are identified in unit move AIS.

PERFORMANCE STEPS:

1. Supervise unit move AIS.
2. Validate MDL update completion.
3. Supervise garrison database management.
4. Supervise load plan AIS.
5. Ensure adherence to ITV policies.

REFERENCES:

1. CFR 49 Parts 100-185 Code of Federal Regulations - Transportation
2. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
3. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
4. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
5. IATA International Air Transport Association (IATA) Dangerous Goods Regulation
6. ICODES User's Manual <https://eta.sddc.army.mil/etassoportal/default.aspx>
7. ICODES website <https://www.ICODESweb.com/>
8. IMDG International Maritime Dangerous Goods Code
9. LOGAIS UM Logistics Automated Information System User's Manual
10. MARCORSYSCOM Unit Move AIS website <http://www.marcorsyscom.usmc.mil/sites/tdis/MDSSII.asp>
11. MCRP 4-11.3G Unit Embarkation Handbook
12. Unit SOP Unit's Standing Operating Procedures
13. TM 10510-OD.1_ General Purpose Test Measurement and Diagnostic Equipment
14. TM 11240-OD_ Principal Technical Characteristics of U.S. Marine Corps Motor Transport Equipment
15. TM 11275-15.3_ Principle Technical Characteristics of U.S. Marine Corps Engineer Equipment
16. TM 2000-OD.2_ Principle Technical Characteristics of U.S. Marine Corps Communication-Electronics Equipment
17. TM 8000-10.1_ Principle Technical Characteristics of U.S. Marine Corps Ordnance Equipment
18. Users Manual Unit Move Automated Information System (AIS) Users Manual

0430-PLAN-2103: Determine cost feasibility for transportation

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0430

GRADES: WO, CWO2, CWO3, CWO4, CWO5, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a concept of operations, deployment data, AIS, and references.

STANDARD: To ensure all costs are estimated, per the references.

PERFORMANCE STEPS:

1. Determine the number and type of transportation assets required.
2. Determine the applicable cost rate tables.
3. Calculate the estimated cost for movement of personnel, supplies, cargo, and equipment for each type of conveyance required.
4. Calculate the total transportation cost.
5. Compare total transportation cost estimate to annual budget.
6. Report budget deficiencies/feasibility.
7. Maintain transportation budget.

REFERENCES:

1. ACART Applicable Commercial Airlift Rate Tables
2. AFR 76-11 US Government Airlift Rates
3. AMC (R) AMC Airlift Rates
4. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
5. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
6. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
7. SMS Website <https://sms.transcom.mil>
8. Unit SOP Unit's Standing Operating Procedures
9. TEEP Training, Exercise and Evaluation Plan
10. TWCF Transportation Working Capital Fund

0430-PLAN-2104: Supervise sourcing of force requirements

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0430

GRADES: WO, CWO2, CWO3, CAPT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given planning guidance, force requirements, and unit move AIS.

STANDARD: To ensure all force requirements are registered in Joint Operation

Planning and Execution Systems (JOPES).

PERFORMANCE STEPS:

1. Ensure consolidation of unit/MAGTF data.
2. Ensure receipt of force requirements via AIS.
3. Ensure sourcing of force requirements using AIS.
4. Ensure submission of sourced force requirements via AIS.
5. Validate force requirements using AIS reports.

REFERENCES:

1. CJCSM 3122.12_ Joint Operation Planning and Execution System (JOPES)
 2. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
 3. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
 4. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
 5. JP 1-02 DOD Dictionary of Military and Associated Terms
 6. JP 5-03.1 Joint Operation Planning and Execution System Volume I (Planning Policies and Procedures)
 7. MCO 3000.18_ Marine Corps Force Deployment Planning and Execution Process Manual (FDP&E Manual)
 8. Users Manual Unit Move Automated Information System (AIS) Users Manual
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0430-PLAN-2105: Prepare an airlift request

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0430

GRADES: WO, CWO2, CWO3, CAPT, MAJ

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a concept of operations, unit embarkation data, and automated information systems (AIS).

STANDARD: IAW Defense Transportation Regulation Parts I & II.

PERFORMANCE STEPS:

1. Validate the requirement.
2. Complete the request.
3. Submit airlift request.
4. Monitor the status of the request(s).

REFERENCES:

1. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
2. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
3. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III

- (Mobility)
4. MCO 4631.10_ Operational Support Airlift Management
 5. MCO P4030.19_ Preparing Hazardous Materials for Military Air Shipments
 6. SMS Website <https://sms.transcom.mil>
 7. Unit SOP Unit's Standing Operating Procedures
 8. TWCF Transportation Working Capital Fund
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0430-PLAN-2106: Prepare an embarkation plan

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0430

GRADES: WO, CWO2, CWO3, CAPT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given AIS report(s) and deployment schedule(s).

STANDARD: Supporting unit move requirement(s).

PERFORMANCE STEPS:

1. Verify assets to be embarked.
2. Determine special handling requirements.
3. Verify passenger requirements.
4. Identify marshalling and staging areas.
5. Identify ports of embarkation/debarkation (POE/POD).
6. Publish embarkation schedules.
7. Identify communications requirements.
8. Prepare and distribute required reports.

REFERENCES:

1. CFR 49 Code of Federal Regulations - Hazardous Materials
 2. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
 3. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
 4. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
 5. JP 3-02.2 Amphibious Embarkation
 6. LOGAIS UM Logistics Automated Information System User's Manual
 7. MCRP 4-11.3G Unit Embarkation Handbook
 8. Unit SOP Unit's Standing Operating Procedures
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0430-PLAN-2107: Validate an amphibious ship load plan

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 24 months

MOS PERFORMING: 0430

GRADES: WO, CWO2, CWO3, CWO4, CWO5, CAPT, MAJ

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given conveyance information, unit embarkation data, load plan, and automated information systems (AIS).

STANDARD: To meet all moving unit lift requirements.

PERFORMANCE STEPS:

1. Review conveyance characteristics.
2. Review unit lift requirements.
3. Identify corrective actions, as required.
4. Submit documentation.

REFERENCES:

1. CFR 49 Parts 100-185 Code of Federal Regulations - Transportation
2. COMNAVSURFLANTINT 4080.1_ Landing Force Operational Reserve Materiel (LFORM) Aboard Amphibious Warfare Ships (or COMNAVSURFPAC equivalent)
3. COMNAVSURFORINST 4621.1/COMMARFORCOMO 4621.1/COMMARFORPACO 4621.1B Landing Force Spaces, Ship's Loading Characteristics Pamphlet (SLCP), Troop Regulations (Troop Regs) and Amphibious Embarkation Documentation
4. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
5. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
6. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
7. IMDG International Maritime Dangerous Goods Code
8. JP 3-02 Amphibious Operations
9. JP 3-02.1 Landing Force Operations
10. JP 3-02.2 Amphibious Embarkation
11. MCRP 3-31.1A Employment of Landing Craft Air Cushion (LCAC)
12. MCRP 4-11.3G Unit Embarkation Handbook
13. MCRP 4-11C Combat Cargo Operations Handbook
14. MCWP 3-31.5 Ship-to-Shore Movement
15. MCWP 5-1 Marine Corps Planning Process (MCPPE)
16. NAVSEA OP 4 Ammunition Afloat
17. Users Manual Unit Move Automated Information System (AIS) Users Manual

0430-PLAN-2108: Validate an aircraft load plan

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0430

GRADES: WO, CWO2, CWO3, CWO4, CWO5, CAPT, MAJ

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given conveyance information, unit embarkation data, load plan,

and automated information systems (AIS).

STANDARD: To meet all moving unit lift requirements.

PERFORMANCE STEPS:

1. Review conveyance characteristics.
2. Validate unit lift requirements and associated aircraft load plans.
3. Identify corrective actions, as required.
4. Submit documentation.

REFERENCES:

1. AMC 36-1 AMC Affiliation Program Airlift Planner's Pamphlet
 2. CFR 49 Parts 100-185 Code of Federal Regulations - Transportation
 3. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
 4. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
 5. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
 6. DODI 4540.07 Operation of the DOD Engineering for Transportability and Deployability Program
 7. IATA International Air Transport Association (IATA) Dangerous Goods Regulation
 8. MCO P4030.19_ Preparing Hazardous Materials for Military Air Shipments
 9. MCWP 5-1 Marine Corps Planning Process (MCPPE)
 10. Unit Move Automated Information System (AIS) Users Manual
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0430-PLAN-2209: Validate a rail load plan

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0430

GRADES: WO, CWO2, CWO3, CWO4, CWO5, CAPT, MAJ

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given conveyance information, unit embarkation data, load plan, and automated information systems (AIS).

STANDARD: To meet all moving unit lift requirements.

PERFORMANCE STEPS:

1. Review conveyance characteristics.
2. Review unit lift requirements.
3. Identify corrective actions, as required.
4. Submit documentation.

REFERENCES:

1. AAR American Association of Railroads
2. CFR 49 Parts 100-185 Code of Federal Regulations - Transportation

3. DOD 4500.9-R Defense Transportation Regulation (DTR)
4. TM 55-2200-001-12 Application of Blocking, Bracing and Tie Down Materials for Rail Transport
5. Unit Move Automated Information System (AIS) Users Manual

0430-PLAN-2210: Validate a commercial ship load plan

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0430

GRADES: WO, CWO2, CWO3, CWO4, CWO5, CAPT, MAJ

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given conveyance information, unit embarkation data, load plan, and automated information systems (AIS).

STANDARD: To meet all moving unit lift requirements.

PERFORMANCE STEPS:

1. Review conveyance characteristics.
2. Review unit lift requirements.
3. Identify corrective actions, as required.
4. Submit documentation.

REFERENCES:

1. CFR 49 Code of Federal Regulations - Hazardous Materials
2. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
3. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
4. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
5. DOD 4500.9-R (Part V) Defense Transportation Regulation Part V (DOD Customs and Border Clearance Policies and Procedures)
6. ICODES User's Manual <https://eta.sddc.army.mil/etassoportal/default.aspx>
7. ICODES website <https://www.ICODESweb.com/>
8. IMDG International Maritime Dangerous Goods Code
9. MTMCTEA PAM 700-4 Vessel Characteristics for Shiploading
10. MTMCTEA PAM 700-6 Large, Medium Speed, Roll-On Roll-Off Ship
11. MTMCTEA PAM 700-7 Fast Sealift Ship Users Manual
12. NAVSEA OP 4 Ammunition Afloat
13. Unit Move Automated Information System (AIS) Users Manual

0430-PLAN-2211: Validate a commercial truck load plan

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0430

GRADES: WO, CWO2, CWO3, CWO4, CWO5, CAPT, MAJ

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given conveyance information, unit embarkation data, load plan, and automated information systems (AIS).

STANDARD: To meet all moving unit lift requirements.

PERFORMANCE STEPS:

1. Review conveyance characteristics.
2. Review unit lift requirements.
3. Identify corrective actions, as required.
4. Submit documentation.

REFERENCES:

1. CFR 49 Parts 100-185 Code of Federal Regulations - Transportation
 2. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
 3. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
 4. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
 5. Unit Move Automated Information System (AIS) Users Manual
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LOG T&R MANUAL

CHAPTER 9

MOS 0431 INDIVIDUAL EVENTS

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LOG T&R MANUAL

CHAPTER 9

MOS 0431 INDIVIDUAL EVENTS

9000. PURPOSE. This chapter details the individual events that pertain to Logistics/Embarkation and Combat Service (CSS) Specialists. Each individual event provides an event title, along with the conditions events will be performed under, and the standard to which the event must be performed to be successful.

9001. EVENT CODING. Events in this T&R manual are depicted with an up to 12-digit, 3-field alphanumeric system (i.e., XXXX-XXXX-XXXX). This chapter utilizes the following methodology:

a. Field one. This field represents the MOS. This chapter contains the following MOS codes:

<u>Code</u>	<u>Description</u>
0431	Logistics/Embarkation Specialist

b. Field two. This field represents the functional/duty area. This chapter contains the following functional/duty areas:

<u>Code</u>	<u>Description</u>
ADMN	Administration and Personnel
OPS	Operations
PLAN	Planning

c. Field three. This field provides the level at which the event is accomplished and numerical sequencing of events. This chapter contains the following event levels:

<u>Code</u>	<u>Description</u>
1000	Core Skills
2000	Core Plus Skills

9002. INDEX OF EVENTS

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0431-PLAN-2803	Prepare an amphibious ship load plan	9-24
0431-PLAN-2804	Prepare an aircraft load plan	9-25

9003. 1000-LEVEL EVENTS

0431-EXCU-1301: Perform unit asset tracking functions

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0431

GRADES: PVT, PFC, LCPL, CPL, SGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given the assignment as a unit Embarkation Clerk, a concept of operations, applicable logistics AIS and the references.

STANDARD: To ensure 100% accountability (supplies and equipment).

PERFORMANCE STEPS:

1. Identify unit asset tracking requirements.
2. Identify the level of asset tracking required for the deployment.
3. Determine Military Shipping Label (MSL) requirements.
4. Generate MSLs for unit cargo.
5. Determine Radio Frequency Identification (RFID) tag requirements for unit cargo.
6. Set up unit level AIT equipment.

7. Track unit equipment and cargo locations using AIT.
8. Generate unit equipment and cargo location reports using AIS.

REFERENCES:

1. CMC DCI RFID Radio Frequency Identification (RFID) Implementation Plan
 2. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
 3. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
 4. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
 5. MDSS II HM MAGTF Deployment Support System, User's Help Manual
 6. RFID OPS RFID Operations Guide
 7. Unit SOP
 8. Users Help Unit Move Automated Information System (AIS) Users Help
 9. Unit Move Automated Information System (AIS) Users Manual
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0431-LOGR-1501: Prepare supplies and equipment for embarkation

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 0431

GRADES: PVT, PFC, LCPL, CPL, SGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given supplies and equipment to be embarked, necessary tools, equipment, references, and assignment to conveyance.

STANDARD: To meet unit move requirements in accordance with conveyance restraints.

PERFORMANCE STEPS:

1. Reconcile unit move AIS data with physical characteristics of equipment to be embarked.
2. Identify unit hazardous materials that require certification.
3. Check warehouse pallets for serviceability.
4. Verify unit containers for serviceability.
5. Check 463L pallet system for serviceability.
6. Check tie down equipment for serviceability.
7. Ensure adequate dunnage/shoring is on hand.
8. Ensure unit embarkation boxes/cases are packed properly.
9. Ensure equipment liquid levels meet conveyance requirements.
10. Ensure unit equipment is palletized properly.
11. Ensure unit containers are packed properly.
12. Ensure unit rolling stock is prepared properly.
13. Ensure required embarkation markings are present on unit supplies and equipment.
14. Verify required ITV/RFID actions are complete ISO embarkation.

REFERENCES:

1. AMC Affiliation Workbook 36-101, Vol 1 Equipment Preparation Course
 2. AMC Affiliation Workbook 36-101, Vol 2 Airlift Planners Course
 3. CFR 49 Code of Federal Regulations Parts 100-185 - Transportation
 4. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
 5. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
 6. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
 7. IATA International Air Transport Association (IATA) Dangerous Goods Regulation
 8. IMDG International Maritime Dangerous Goods Code
 9. JP 3-02.1 Amphibious Embarkation and Debarkation
 10. MCO P4030.19_ Preparing Hazardous Materials for Military Air Shipments
 11. MCRP 4-11.3G Unit Embarkation Handbook
 12. Unit SOP Unit's Standing Operating Procedures
 13. TM 10510-OD.1_ General Purpose Test Measurement and Diagnostic Equipment
 14. TM 11240-OD_ Principal Technical Characteristics of U.S. Marine Corps Motor Transport Equipment
 15. TM 11275-15.3_ Principle Technical Characteristics of U.S. Marine Corps Engineer Equipment
 16. TM 2000-OD.2_ Principle Technical Characteristics of U.S. Marine Corps Communication-Electronics Equipment
 17. TM 8000-10.1_ Principle Technical Characteristics of U.S. Marine Corps Ordnance Equipment
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0431-LOGR-1502: Perform unit level logistics functions

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0431

GRADES: PVT, PFC, LCPL, CPL, SGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given the assignment as a unit Logistics Clerk, a concept of operations, applicable logistics AIS and the references.

STANDARD: IAW the units SOP.

PERFORMANCE STEPS:

1. Identify unit logistics functions.
2. Maintain correspondence files.
3. Prepare naval correspondence.
4. Maintain a logistics publications library.
5. Prepare logistics support requests (LSR).
6. Monitor in-transit visibility.
7. Maintain logistics status boards.
8. Maintain Logistics Clerk desktop procedures.

9. Provide logistics information for letters of instruction (LOIs).
10. Provide information for logistics briefs and reports.

REFERENCES:

1. MCO 5215.1_ Marine Corps Directives Management Program
 2. MCRP 3-0A Unit Training Management Guide
 3. MCRP 3-0B How to Conduct Training
 4. MCRP 4-11.3 Transportation Operations
 5. MCWP 4-1 Logistics Operations
 6. MCWP 4-12 Operational-Level Logistics
 7. NAVMC 2761 Catalog of Publications
 8. SECNAVINST 5216.5 Naval Correspondence Manual
 9. SECNAVINST M-5210.2 Standard Subject Identification Code (SSIC) Manual
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0431-LOGR-1803: Prepare embarkation reports

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 0431

GRADES: PVT, PFC, LCPL, CPL, SGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given the assignment as a unit Embarkation Clerk, a concept of operations, applicable AIS and the references.

STANDARD: To support the unit's embarkation readiness.

PERFORMANCE STEPS:

1. Identify unit embarkation reports.
2. Produce unit embarkation personnel reports.
3. Produce unit embarkation readiness reports.
4. Produce unit move AIS data reconciliation reports.

REFERENCES:

1. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
 2. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
 3. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
 4. Unit SOP Unit's Standing Operating Procedures
 5. Users Help Unit Move Automated Information System (AIS) Users Help
 6. Unit Move Automated Information System (AIS) Users Manual
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0431-PLAN-1801: Perform unit move automated information systems (AIS) functions

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 0431

GRADES: PVT, PFC, LCPL, CPL, SGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given automated information systems (AIS), automated information technology (AIT) components, logistics and embarkation data, and guidance.

STANDARD: To meet force deployment planning & execution process (FDP&E) requirements.

PERFORMANCE STEPS:

1. Perform user access admin functions.
2. Perform data library admin functions.
3. Create a unit garrison database.
4. Perform records management functions.
5. Perform asset association functions.
6. Perform report functions.
7. Perform database reconciliations.
8. Create deployment plans.
9. Perform automated information technology (AIT) functions.
10. Perform In-Transit Visibility (ITV) functions.
11. Perform data interface functions.
12. Perform load plan functions using interface data and the approved AIS.

REFERENCES:

1. CFR 49 Code Parts 100-185 of Federal Regulations - Transportation
2. CMC DCI RFID Radio Frequency Identification (RFID) Implementation Plan
3. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
4. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
5. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
6. IATA International Air Transport Association (IATA) Dangerous Goods Regulation
7. IMDG International Maritime Dangerous Goods Code
8. MCO 3000.18_ Marine Corps Force Deployment Planning and Execution (FDP&E) Manual
9. MCRP 4-11.3G Unit Embarkation Handbook
10. TM 10510-OD.1_ General Purpose Test Measurement and Diagnostic Equipment
11. TM 11240-OD_ Principal Technical Characteristics of U.S. Marine Corps Motor Transport Equipment
12. TM 11275-15.3_ Principle Technical Characteristics of U.S. Marine Corps Engineer Equipment
13. TM 2000-OD.2_ Principle Technical Characteristics of U.S. Marine Corps Communication-Electronics Equipment
14. TM 8000-10.1_ Principle Technical Characteristics of U.S. Marine Corps Ordnance Equipment
15. Unit SOP Unit's Standing Operating Procedures

16. Unit Move Automated Information System (AIS) Users Manual

9004. 2000-LEVEL EVENTS

0431-EXCU-2301: Certify hazardous material for shipment

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: This is taught at Army, Navy and Air Force formal schools.

MOS PERFORMING: 0430, 0431, 0481, 0491

GRADES: LCPL, CPL, SGT, SSGT, GYSGT, WO, CW02, CW03, CAPT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given references, certification, appointment as a unit hazardous material certifier, cargo containing hazardous material and required forms.

STANDARD: Per MCO P4030.19_.

PERFORMANCE STEPS:

1. Identify certification requirements.
2. Ensure hazardous cargo is properly packaged, marked and labeled.
3. Certify hazardous cargo using required forms for dangerous goods.
4. Ensure hazardous cargo is properly separated and segregated.
5. Ensure proper care in handling hazardous cargo.
6. File documentation, as required.

REFERENCES:

1. CFR 49 Code of Federal Regulations - Hazardous Materials
2. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
3. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
4. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
5. IATA International Air Transport Association (IATA) Dangerous Goods Regulation
6. IMDG International Maritime Dangerous Goods Code
7. MCO 4030.40_ Packaging of Hazardous Material
8. MCO P4030.19_ Preparing Hazardous Materials for Military Air Shipments
9. MSDS Material Safety Data Sheets
10. PC-POP III Performance Oriented Packaging (POP) Personal Computer Program III

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: This is a formal school conducted by the Air Force, Army, and Navy commands.

0431-EXCU-2302: Coordinate unit marshalling operations

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0431, 0491

GRADES: LCPL, CPL, SGT, SSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Given embarkation plan, unit data, and AIS.

STANDARD: To ensure all assets are consolidated and prepared in time to support the embarkation plan.

PERFORMANCE STEPS:

1. Identify marshalling area requirements.
2. Identify the marshalling area.
3. Coordinate logistics requirements.
4. Coordinate communications.
5. Develop unit marshalling area diagrams depicting the segregation of supplies and equipment into sequence for loading.
6. Brief personnel on marshalling plans, schedules, ORM, and diagrams.
7. Schedule inspections as required.
8. Report status of movement to Movement Control Center (MCC).

REFERENCES:

1. AMC Workbook 36-100
 2. AMC Affiliation Workbook 36-101, Vol 1 Equipment Preparation Course
 3. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
 4. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
 5. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
 6. JP 3-02.2 Joint Doctrine for Amphibious Embarkation
 7. MCRP 4-11.3G Unit Embarkation Handbook
 8. MCRP 4-11C Combat Cargo Operations Handbook
 9. MCWP 4-11.3 Transportation Operations
 10. Unit SOP Unit's Standing Operating Procedures
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0431-EXCU-2303: Support unit amphibious embarkation operations

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0431, 0491

BILLETS: Embarkation Chief, Embarkation NCO, Team Embarkation Assistant, Team Embarkation Officer

GRADES: CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given assignment to shipping, ship loading characteristics pamphlet (SLCP), ships troop regulations, unit embarkation data, landing plan, Landing Force Operational Reserve Materiel (LFORM) supplement, and AIS.

STANDARD: To support embarked assets ship-to-shore movement requirements in accordance with the landing plan.

PERFORMANCE STEPS:

1. Review the Organization for Embarkation and Assignment to Shipping (OE&AS).
2. Review the landing plan.
3. Review the SLCP.
4. Review Embarked Troop Regulations.
5. Validate deployment data for landing force assets.
6. Complete the ship/landing craft load plan.
7. Reconcile the load plan with the SLCP.
8. Ensure landing force equipment is prepared for embarkation.
9. Review amphibious onload/offload documentation.
10. Ensure landing force assets are staged for embarkation.
11. Identify embarkation requirements.
12. Report the status of embarkation.
13. Reconcile load plan upon completion of ship load.
14. Submit landing force data to the ships Combat Cargo Officer for completion of the Embarked Personnel and Materials Report (EPMR).
15. Coordinate customs and agricultural clearance, as required.

REFERENCES:

1. COMNAVSURFLANTINT 4080.1_ Landing Force Operational Reserve Materiel (LFORM) Aboard Amphibious Warfare Ships (or COMNAVSURFPAC equivalent)
 2. COMNAVSURFORINST 4621.1/COMMARFORCOMO 4621.1/ COMMARFORPACO 4621.1B Landing Force Spaces, Ship's Loading Characteristics Pamphlet (SLCP), Troop Regulations (Troop Regs) and Amphibious Embarkation Documentation
 3. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
 4. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
 5. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
 6. DOD 4500.9-R (Part V) Defense Transportation Regulation Part V (DOD Customs and Border Clearance Policies and Procedures)
 7. JP 3-02.1 Amphibious Embarkation and Debarkation
 8. JP 3-02 Amphibious Operations
 9. JP 3-02.1 Amphibious Embarkation and Debarkation
 10. MCRP 4-11.3G Unit Embarkation Handbook
 11. MCRP 4-11C Combat Cargo Operations Handbook
 12. MCWP 3-31.5 Ship-to-Shore Movement
 13. MCWP 5-1 Marine Corps Planning Process (MCPPE)
 14. NAVSEA OP 4 Ammunition Afloat
 15. Unit Move Automated Information System (AIS) Users Manual
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0431-EXCU-2304: Perform asset tracking functions

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0431

BILLETS: Embarkation Chief, Embarkation NCO

GRADES: CPL, SGT, SSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given the deployment data, mode & source, and access to the AIS.

STANDARD: In compliance with DOD ITV policies.

PERFORMANCE STEPS:

1. Verify unit cargo meets ITV requirements.
2. Perform unit move AIS ITV requirements.
3. Perform unit move AIS ITV interfaces.
4. Monitor unit cargo air movement by mission number using Single Mobility System (SMS).
5. Monitor unit passenger air movement by mission number using SMS.
6. Monitor unit sealift movement by mission number using SMS.
7. Monitor unit cargo air movement by ULN using SMS.
8. Monitor unit passenger air movement by ULN using SMS.
9. Monitor unit cargo movement by ULN using the national RFID server.
10. Monitor unit cargo movement by tag ID using the national RFID server.
11. Monitor unit cargo movement by ULN using Integrated Development Environment/Global Transportation Network Convergence (IGC).
12. Report the status of unit movement.

REFERENCES:

1. CJCSI 3020.01 Managing, Integrating, and Using Joint Deployment Information Systems
 2. CMC DCI RFID Radio Frequency Identification (RFID) Implementation Plan
 3. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
 4. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
 5. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
 6. IGC website <https://www.igc.ustranscom.mil/igc>
 7. RF-ITV Website <https://national.rfitv.army.mil>
 8. SDDC Website (classified)
 9. SMS Website <https://sms.transcom.mil>
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0431-EXCU-2305: Support commercial ship loading operations

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0431

BILLETS: Embarkation Chief, Embarkation NCO

GRADES: CPL, SGT, SSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a commercial ship, loading data, and access to AIS.

STANDARD: To support embarked asset movement requirements in accordance with the Time Phased Force Deployment Data (TPFDD).

PERFORMANCE STEPS:

1. Prepare commercial ship documentation, as required.
2. Prepare supplies & equipment for commercial ship loading.
3. Coordinate vessel loading.
4. Assist in the preparation of ship loading reports.
5. Coordinate customs and agricultural clearance, as required.

REFERENCES:

1. CFR 49 Code of Federal Regulations - Hazardous Materials
 2. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
 3. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
 4. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
 5. DOD 4500.9-R (Part V) Defense Transportation Regulation Part V (DOD Customs and Border Clearance Policies and Procedures)
 6. ICODES User's Manual Computer Aided Load Manifesting System
 7. ICODES website <https://www.icodesweb.com/>
 8. IMDG International Maritime Dangerous Goods Code
 9. MTMCTEA PAM 700-4 Vessel Characteristics for Shiploading
 10. MTMCTEA PAM 700-6 Large, Medium Speed, Roll-On Roll-Off Ship
 11. MTMCTEA PAM 700-7 Fast Sealift Ship Users Manual
 12. NAVSEA OP 4 Ammunition Afloat
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0431-EXCU-2306: Support unit air embarkation

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0431

BILLETS: Embarkation Chief, Embarkation NCO

GRADES: CPL, SGT, SSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a requirement, deployment information, aircraft allocation,

equipment to deploy, and AIS.

STANDARD: To support embarked asset movement in accordance with the requirement.

PERFORMANCE STEPS:

1. Provide initial aircraft load plan.
2. Provide Hazardous Material Diplomatic Clearance (HAZDIP), as required.
3. Ensure shipper's Declaration of Hazardous Goods (HAZDEC) is prepared.
4. Review aircraft allocation.
5. Ensure TCNs are assigned.
6. Validate air transportability certification.
7. Ensure unit cargo and equipment is prepared.
8. Ensure unit cargo and equipment is staged for movement.
9. Coordinate movement of unit cargo and equipment to APOE.
10. Ensure unit cargo and equipment is compliant with inspection requirements.
11. Ensure certified aircraft load plan is provided.
12. Ensure the designated agency provides passengers manifests.
13. Ensure passengers are staged in accordance with movement requirements.
14. Coordinate the loading of unit cargo and equipment aboard aircraft.
15. Coordinate the embarkation of unit passengers aboard aircraft.
16. Reconcile aircraft load plan upon completion of loading.
17. Track unit mission status.
18. Coordinate customs and agricultural clearance, as required.

REFERENCES:

1. AMC Affiliation Workbook 36-101, Vol 1 Equipment Preparation Course
2. AMC Affiliation Workbook 36-101, Vol 2 Airlift Planners Course
3. ATLA
4. CFR 49 Code of Federal Regulations Parts 100-185 - Transportation
5. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
6. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
7. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
8. DOD 4500.9-R (Part V) Defense Transportation Regulation Part V (DOD Customs and Border Clearance Policies and Procedures)
9. IATA International Air Transport Association (IATA) Dangerous Goods Regulation
10. MCO P4030.19_ Preparing Hazardous Materials for Military Air Shipments
11. MCRP 4-11.3G Unit Embarkation Handbook
12. SMS Website <https://sms.transcom.mil>
13. Unit SOP Unit's Standing Operating Procedures

0431-EXCU-2307: Support unit rail embarkation execution

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 24 months

MOS PERFORMING: 0431

BILLETS: Embarkation Chief, Equipment NCO

GRADES: CPL, SGT, SSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Given rail assets, a movement plan, equipment, and access to AIS.

STANDARD: To support embarked asset movement in accordance with the requirement.

PERFORMANCE STEPS:

1. Submit unit move AIS data to required agencies.
2. Ensure unit cargo and equipment is prepared.
3. Ensure unit cargo and equipment is staged.
4. Ensure unit cargo and equipment is compliant with lift providers inspection requirements.
5. Coordinate logistics requirements.
6. Monitor the loading of unit assets.
7. Submit required reports.
8. Monitor unit rail movement via ITV.

REFERENCES:

1. AAR American Association of Railroads
 2. CFR 49 Code of Federal Regulations Parts 100-185 - Transportation
 3. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
 4. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
 5. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
 6. TM 55-2200-001-12 Application of Blocking, Bracing and Tie Down Materials for Rail Transport
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0431-EXCU-2708: Coordinate unit move transportation

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0431

GRADES: CPL, SGT, SSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Given a requirement to conduct transportation planning, transportation planning AIS, unit embarkation data, and references.

STANDARD: To ensure unit move requirements are supported.

PERFORMANCE STEPS:

1. Ensure unit move transportation requests are consolidated.

2. Ensure unit move transportation requests are submitted in accordance with local SOP.
3. Coordinate with designated movement control agencies.
4. Coordinate the transportation of assets/personnel.
5. Coordinate MHE support for the movement as required.

REFERENCES:

1. CFR 49 Code of Federal Regulations Parts 100-185 - Transportation
 2. MCO 4470.1_ MAGTF Deployment and Distribution Policy (MDDP)
 3. MCRP 4-11.3G Unit Embarkation Handbook
 4. MCWP 4-1 Logistics Operations
 5. MCWP 4-11.3 Transportation Operations
 6. MCWP 4-12 Operational-Level Logistics
 7. Unit SOP Unit's Standing Operating Procedures
 8. TCPT Users Help Transportation Capacity Planning Tool (TCPT) Users Help
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0431-EXCU-2809: Execute FDP&E unit move AIS functions

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0431

BILLETS: Embarkation Chief, Embarkation NCO

GRADES: CPL, SGT, SSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a concept of operations, a force requirement, AIS, unit assets to be embarked, and references.

STANDARD: To ensure unit move requirements are accurately represented in the joint movement systems for allocation of lift.

PERFORMANCE STEPS:

1. Import force requirement.
2. Source the force requirement.
3. Compile accompanying supply list(s).
4. Insert accompanying supply lift requirements into unit move AIS.
5. Edit accompanying supply lift requirements within unit move AIS.
6. Create deployment package.
7. Perform a force requirement interface.
8. Validate force requirement in the Time-Phased Force Deployment Data (TPFDD).
9. Interface unit move data with load plan AIS.
10. Interface unit move data with DOD ITV systems.

REFERENCES:

1. CJCSM 3122.12_ Joint Operation Planning and Execution System (JOPES)
2. CMC DCI RFID Radio Frequency Identification (RFID) Implementation Plan
3. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger

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- Movement)
4. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
 5. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
 6. ICODES User's Manual Computer Aided Load Manifesting System
 7. JP 1-02 DOD Dictionary of Military and Associated Terms
 8. JP 5-03.1 Joint Operation Planning and Execution System Volume I (Planning Policies and Procedures)
 9. MARADMIN 253/07 Interim Procedures for Managing Equipment Data in TFSMS
 10. MCO 3000.18_ Marine Corps Force Deployment Planning and Execution Process Manual (FDP&E Manual)
 11. MCO 8010.1_ Class V (W) Planning Factors for Fleet Marine Force Combat Operations
 12. TM 10510-OD.1_ General Purpose Test Measurement and Diagnostic Equipment
 13. TM 11240-OD_ Principal Technical Characteristics of U.S. Marine Corps Motor Transport Equipment
 14. TM 11275-15.3_ Principle Technical Characteristics of U.S. Marine Corps Engineer Equipment
 15. TM 2000-OD.2_ Principle Technical Characteristics of U.S. Marine Corps Communication-Electronics Equipment
 16. TM 8000-10.1_ Principle Technical Characteristics of U.S. Marine Corps Ordnance Equipment
 17. Users Help Unit Move Automated Information System (AIS) Users Help

0431-EXCU-2810: Prepare a Special Assignment Airlift Mission (SAAM) request

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0431

BILLETS: Embarkation Chief, Embarkation NCO

GRADES: CPL, SGT, SSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given the requirement to conduct airlift planning for a unit deployment, air load planning AIS, unit move AIS, and references.

STANDARD: In accordance with Defense Transportation Regulation (DTR).

PERFORMANCE STEPS:

1. Identify SAAM requirements.
2. Compile SAAM requirements.
3. Submit SAAM request.

REFERENCES:

1. CJCSI 4120.02_ Assignment of Mobility Priority
2. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)

3. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
 4. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
 5. MCO P4030.19_ Preparing Hazardous Materials for Military Air Shipments
 6. SMS Website <https://sms.transcom.mil>
 7. Unit SOP Unit's Standing Operating Procedures
 8. TWCF Transportation Working Capital Fund
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0431-LOGR-2501: Conduct unit embarkation training

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0431

BILLETS: Embarkation Chief, Embarkation NCO

GRADES: CPL, SGT, SSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given unit embarkation personnel, section/company embarkation representatives, and references.

STANDARD: In accordance with MCO 1553.3A, Unit Training Management (UTM).

PERFORMANCE STEPS:

1. Reference NAVMC 3500.27_ for required training events for embarkation personnel.
2. Determine training requirements for section/company embarkation representatives.
3. Determine existing training level.
4. Identify training deficiencies.
5. Develop a training plan.
6. Schedule formal schools seats for required training.
7. Schedule unit level training.
8. Develop training materials.
9. Develop training evaluation tools.
10. Coordinate training support requirements.
11. Conduct unit embarkation training.
12. Evaluate unit embarkation training.
13. Document T&R events trained.
14. Report T&R event training to higher headquarters.

REFERENCES:

1. MCO 1553.3_ Unit Training Management (UTM)
2. MCO 3500.27_ Operational Risk Management (ORM)
3. MCO P3500.72_ Marine Corps Ground Training and Readiness (T&R) Program
4. MCRP 3-0A Unit Training Management Guide
5. MCRP 3-0B How to Conduct Training
6. MCRP 4-11.3G Unit Embarkation Handbook

7. NAVMC 3500.27_ Logistics Training and Readiness Manual
8. SAT Manual U. S. Marine Corps Systems Approach to Training (SAT) Manual

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: This distance learning product is provided by MarineNET, on-line learning. "Unit Training Management" CID: UT03AO

0431-LOGR-2502: Manage unit embarkation readiness program

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0431

BILLETS: Embarkation Chief

GRADES: CPL, SGT, SSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Given references, embarkation personnel, readiness requirements, and assigned to a deployable unit.

STANDARD: IAW MCRP 4-11.3_ Unit Embarkation Handbook.

PERFORMANCE STEPS:

1. Ensure section EDLs are accurately reflected in unit move AIS data.
2. Ensure the unit has a mobile load plan.
3. Ensure mobile loads are prepared, as required.
4. Ensure the unit has a containerization plan.
5. Ensure unit containers are serviceable.
6. Ensure the unit has required embarkation materials on hand.
7. Ensure the unit has procedures for procuring required embarkation materials.
8. Ensure the unit has identified a 463L pallet requirement.
9. Ensure that cargo is marked properly.
10. Ensure the unit has hazardous material certifiers designated.
11. Ensure the unit has certified Air Load planners designated.
12. Complete training requirements for section/company embarkation representatives.
13. Conduct MOS training as prescribed by NAVMC 3500.27_.
14. Conduct embarkation readiness inspections.

REFERENCES:

1. AMC Affiliation Workbook 36-101, Vol 1 Equipment Preparation Course
2. AMC Affiliation Workbook 36-101, Vol 2 Airlift Planners Course
3. CFR 49 Code of Federal Regulations Parts 100-185 - Transportation
4. COMNAVSURFFOR 5400.1_ Force Regulations
5. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
6. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo

- Movement)
7. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
 8. DOD 4500.9-R (Part VI) Defense Transportation Regulation Part VI (Management and Control of Intermodal Containers and System 4631 Equipment)
 9. IATA International Air Transport Association (IATA) Dangerous Goods Regulation
 10. IMDG International Maritime Dangerous Goods Code
 11. MCO P4030.19_ Preparing Hazardous Materials for Military Air Shipments
 12. MCRP 4-11.3G Unit Embarkation Handbook
 13. MCRP 4-11C Combat Cargo Operations Handbook
 14. Unit SOP Unit's Standing Operating Procedures
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0431-LOGR-2503: Perform unit logistics section functions

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0431

BILLETS: Logistics NCO

GRADES: CPL, SGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Given the assignment to a unit logistics section, AIS, and references.

STANDARD: Meeting unit logistics requirements.

PERFORMANCE STEPS:

1. Ensure compliance with logistics references.
2. Manage logistics correspondence files.
3. Manage input to logistics status boards and reports.
4. Maintain logistics desktop procedures/turnover procedures.
5. Prepare naval correspondence.
6. Assist in the completion of logistics LOIs.
7. Review logistics information for logistics briefs and reports.
8. Provide logistics briefs and reports as required.
9. Supervise a units facilities management program.
10. Support unit AA&E operations.
11. Maintain publications library.

REFERENCES:

1. MCO 3500.27_ Operational Risk Management (ORM)
2. MCO 4340.1_ Reporting of Missing, Lost, Stolen, or Recovered (MLSR) Government Property (Aug 94)
3. MCO 5215.1_ Marine Corps Directives Management Program
4. MCO 5500.6_ Arming of Law Enforcement and Security Personnel and the Use of Force

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5. MCO 8300.1_ Marine Corps Serialized Control of Small Arms Systems
6. MCO P8020.10_ Marine Corps Ammunition and Explosives Safety Program
7. MCRP 3-0A Unit Training Management Guide
8. MCRP 3-0B How to Conduct Training
9. MCWP 4-1 Logistics Operations
10. MCWP 4-11 Tactical-Level Logistics
11. MCWP 4-11.3 Transportation Operations
12. MCWP 4-12 Operational-Level Logistics
13. NAVMC 2761 Catalog of Publications
14. NAVSEA OP 5 Vol 1 Ammunition and Explosives/Ashore Safety Regulations of Handling, Storage, Production, Renovation and Shipping
15. NAVSEA OP 5 Vol 3 Storage of Ammunition at Advanced Bases
16. NAVSEA SWO20-AF-ABK-010 Motor Vehicle Driver and Shipping Inspector's Manual for Ammunition, Explosives and Related Hazardous Materials
17. SECNAVINST 5216.5 Naval Correspondence Manual
18. SECNAVINST M-5210.2_ Standard Subject Identification Code (SSIC) Manual

0431-LOGR-2504: Determine lift requirements

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0431

BILLETS: Logistics Chief, Logistics NCO

GRADES: CPL, SGT, SSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a requirement, a concept of operations, AIS, and references.

STANDARD: To meet the requirement.

PERFORMANCE STEPS:

1. Determine personnel density.
2. Determine equipment density.
3. Compute supply class requirements.
4. Determine supply classes lift requirements.

REFERENCES:

1. MARADMIN 253/07 Interim Procedures for Managing Equipment Data in TFSMS
2. MCO 5500.6_ Arming of Law Enforcement and Security Personnel and the Use of Force
3. MCO 8010.1_ Class V (W) Planning Factors for Fleet Marine Force Combat Operations
4. MCWP 4-11.6 Petroleum and Water Logistics Operations
5. NATICK PAM 30-25 Operational Rations
6. NAVFC P-405 Seabee Planners and Estimators Handbook
7. TM 10510-OD.1_ General Purpose Test Measurement and Diagnostic Equipment
8. TM 11240-OD_ Principal Technical Characteristics of U.S. Marine Corps

- Motor Transport Equipment
9. TM 11275-15.3_ Principle Technical Characteristics of U.S. Marine Corps Engineer Equipment
 10. TM 2000-OD.2_ Principle Technical Characteristics of U.S. Marine Corps Communication-Electronics Equipment
 11. TM 8000-10.1_ Principle Technical Characteristics of U.S. Marine Corps Ordnance Equipment
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0431-LOGR-2505: Certify intermodal containers for shipment

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 24 months

MOS PERFORMING: 0430, 0431

GRADES: CPL, SGT, SSGT, WO, CWO2, CWO3, CAPT

INITIAL TRAINING SETTING: DISTLEARN

CONDITION: Given intermodal containers, container inspection checklist, and the supplies to certify intermodal containers.

STANDARD: IAW DOD 4500.9-R Defense Transportation Regulations.

PERFORMANCE STEPS:

1. Inspect intermodal container (s) for transportability.
2. Certify intermodal container (s) for transportability.

REFERENCES:

1. DOD 4500.9-R (Part VI) Defense Transportation Regulation Part VI (Management and Control of Intermodal Containers and System 4631 Equipment)
2. MIL-HDBK-138B DOD Handbook Guide to Container Inspection for Commercial and Military Intermodal Containers
3. TM 4795-12/1 Organizational Corrosion Prevention and Control Procedures

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Intermodal Dry Cargo Container (CSC) Re-inspection Course, U.S. Army Defense Ammunition Center, McAlester, OK.
CID: A33LAS1

0431-LOGR-2506: Perform combat cargo duties

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0431, 0491

BILLETS: Combat Cargo Assistant

GRADES: SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Given the assignment as the ship's CCA and references.

STANDARD: IAW MCRP 4-11C Combat Cargo Operations Handbook.

PERFORMANCE STEPS:

1. Assist in preparation and distribution of SLCP.
2. Assist in the preparation and distribution of Embarked Troop Regulations.
3. Create LFORM supplement in current AIS.
4. Coordinate Ships Platoon integration.
5. Coordinate Combat Cargo Platoon training.
6. Establish and maintain liaison with the landing force.
7. Ensure landing force spaces are maintained.
8. Support ship-to-shore movement of the landing force.
9. Coordinate the support of Landing Force requirements.

REFERENCES:

1. Ship's Booklet of General Plans
2. CFR 40 Code of Federal Regulations - Hazardous Substances & Wastes
3. CFR 49 Code of Federal Regulations - Hazardous Materials
4. CFR 49 Parts 100-185 Code of Federal Regulations - Transportation
5. COMNAVSURF EOD
6. COMNAVSURFFOR 5400.1_ Force Regulations
7. COMNAVSURFLANTINST 3340.3 C Wet Well Operations Manual
8. COMNAVSURFORINST 3130-1 Deployment of Helicopter Search and Rescue (SAR) Detachments in Support of Amphibious Operations and Training
9. COMNAVSURFORINST 4621.1_/COMMARFORCOMO 4621.1_/COMMARFORPACO 4621.1_ Landing Force Spaces, Ship's Loading Characteristics Pamphlet (SLCP), Troop Regulations (Troop Regs) and Amphibious Embarkation Documentation
10. COMNAVSURFPACINST 4080.1_/COMNAVSURFLANTINST 4080.1_ Landing Forces Operational Reserve Materiel (LFORM) Aboard Amphibious Warfare Ships of the U.S. Pacific and Atlantic Fleets
11. COMNAVSURFPACINST 4600.2_ Policy for Utilization of Opportune Lift
12. COMNAVSURFPACINST 7010-1 Recreation Fund Support to Navy Staff and Marine Force Units Embarked Aboard Ships
13. COMNAVSURFPACINST 7320.1 Troops Space Inventory/Inspection/Reimbursement Procedures
14. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
15. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
16. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
17. DOD 4500.9-R (Part V) Defense Transportation Regulation Part V (DOD Customs and Border Clearance Policies and Procedures)
18. DOD 4500.9-R (Part VI) Defense Transportation Regulation Part VI (Management and Control of Intermodal Containers and System 4631 Equipment)
19. ICODES User's Manual Computer Aided Load Manifesting System
20. ICODES website <https://www.ICODESweb.com/>

21. IMDG International Maritime Dangerous Goods Code
22. JP 3-02 Amphibious Operations
23. JP 3-02.1 Amphibious Embarkation and Debarkation
24. MCO P8020.10_ Marine Corps Ammunition and Explosives Safety Program
25. MCO P4030.36_ Marine Corps Packaging Manual
26. MCO P4400.39_ War Reserve Materiel (WRM) Policy Manual
27. MCRP 3-31.1A Employment of Landing Craft Air Cushion (LCAC)
28. MCRP 3-31B Amphibious Ships and Landing Craft
29. MCRP 4-11.3D/NWP 22.5 The Naval Beach Group
30. MCRP 4-11C Combat Cargo Operations Handbook
31. MCWP 3-31.5 Ship-to-Shore Movement
32. NATICK PAM 30-25 Operational Rations
33. NAVSEA OP 4 Ammunition Afloat
34. PC-POP III Performance Oriented Packaging (POP) Personal Computer Program
III
35. SECNAVINST 5216.5 Naval Correspondence Manual

0431-PLAN-2801: Compute cost estimates for transportation

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0431

BILLETS: Embarkation Chief, Equipment NCO

GRADES: CPL, SGT, SSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a concept of operations, historical data, and references.

STANDARD: To ensure costs are estimated accurately and funding deficiencies are identified, per the references.

PERFORMANCE STEPS:

1. Compile lift requirements.
2. Compute the estimated costs of transportation by conveyance.

REFERENCES:

1. ACART Applicable Commercial Airlift Rate Tables
 2. AFR 76-11 US Government Airlift Rates
 3. AMC (R) AMC Airlift Rates
 4. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
 5. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
 6. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
 7. Unit SOP Unit's Standing Operating Procedures
 8. TEEP Training, Exercise and Evaluation Plan
 9. TWCF Transportation Working Capital Fund
-

0431-PLAN-2802: Supervise unit move AIS administration

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 0431

BILLETS: Embarkation Chief, Embarkation NCO

GRADES: CPL, SGT, SSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given concept of operations, AIS, and references.

STANDARD: To ensure all unit move requirements are identified in unit move AIS.

PERFORMANCE STEPS:

1. Install unit move AIS.
2. Perform unit move AIS system administrator functions.
3. Edit unit move AIS plan data.
4. Verify MDL update completion.
5. Edit unit move AIS tech data.
6. Manage garrison database.
7. Install load plan AIS.
8. Perform load plan AIS admin functions.
9. Manage load plan AIS user access.
10. Update load plan AIS.

REFERENCES:

1. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
 2. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
 3. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
 4. ICODES User's Manual Computer Aided Load Manifesting System
 5. ICODES website <https://www.icodeweb.com/>
 6. MARCORSYSCOM Unit Move AIS website
<http://www.marcorsyscom.usmc.mil/sites/tdis/MDSSII.asp>
 7. Users Help Unit Move Automated Information System (AIS) Users Help
-

0431-PLAN-2803: Prepare an amphibious ship load plan

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0431

BILLETS: Embarkation Chief, Embarkation NCO, Team Embarkation Assistant, Team Embarkation Officer

GRADES: LCPL, CPL, SGT, SSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an Organization for Embarkation and Assignment to Shipping (OE&AS), Ship Loading Characteristics Pamphlet (SLCP), a landing plan/offload sequence, unit embarkation data, unit move AIS, load plan AIS, and references.

STANDARD: To meet ship-to-shore movement requirements.

PERFORMANCE STEPS:

1. Review the OE&AS.
2. Consolidate embarkation team data.
3. Validate the embarkation team data.
4. Review the landing plan.
5. Assign offload priority numbers.
6. Perform unit move AIS to load plan AIS interface.
7. Create a ship load plan using AIS.
8. Create landing craft load plans.
9. Complete load plan documentation.
10. Submit load plan documents for approval.

REFERENCES:

1. COMNAVSURFORINST 4621.1_/COMMARFORCOMO 4621.1_/ COMMARFORPACO 4621.1_ Landing Force Spaces, Ship's Loading Characteristics Pamphlet (SLCP), Troop Regulations (Troop Regs) and Amphibious Embarkation Documentation
2. COMNAVSURFPACINST 4080.1_/COMNAVSURFLANTINST 4080.1_ Landing Force Operational Reserve Materiel (LFORM) Aboard Amphibious Warfare Ships of the U.S. Pacific and Atlantic fleets
3. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
4. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
5. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
6. IMDG International Maritime Dangerous Goods Code
7. JP 3-02 Amphibious Operations
8. JP 3-02.1 Amphibious Embarkation and Debarkation
9. MCRP 3-31.1A Employment of Landing Craft Air Cushion (LCAC)
10. MCRP 4-11.3G Unit Embarkation Handbook
11. MCRP 4-11C Combat Cargo Operations Handbook
12. MCWP 3-31.5 Ship-to-Shore Movement
13. NAVSEA OP 4 Ammunition Afloat
14. Unit Move Automated Information System (AIS) Users Manual

0431-PLAN-2804: Prepare an aircraft load plan

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0431

BILLETS: Embarkation Chief, Embarkation NCO

GRADES: LCPL, CPL, SGT, SSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given unit embarkation data, type of aircraft, load plan AIS, and references.

STANDARD: To ensure compliance with the characteristics of assigned aircraft per references.

PERFORMANCE STEPS:

1. Validate suitability of equipment for aircraft load planning.
2. Identify all cargo requiring special handling.
3. Validate air transportability certification.
4. Design aircraft load plan.
5. Calculate center of balance for completed load plan.
6. Print a computer generated load plan.
7. Certify load plan, as required.

REFERENCES:

1. AMC Affiliation Workbook 36-101, Vol 1 Equipment Preparation Course
 2. AMC Affiliation Workbook 36-101, Vol 2 Airlift Planners Course
 3. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
 4. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
 5. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
 6. DODI 4540.07 Operation of the DOD Engineering for Transportability and Deployability Program
 7. IATA International Air Transport Association (IATA) Dangerous Goods Regulation
 8. ICODES User's Manual <https://eta.sddc.army.mil/etassoportal/default.aspx>
 9. MCO P4030.19_ Preparing Hazardous Materials for Military Air Shipments
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LOG T&R MANUAL

CHAPTER 10

MOS 0451 INDIVIDUAL EVENTS

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LOG T&R MANUAL

CHAPTER 10

MOS 0451 INDIVIDUAL EVENTS

10000. PURPOSE. This chapter details the individual events that pertain to Parachute Riggers. Each individual event provides an event title, along with the conditions events will be performed under, and the standard to which the event must be performed to be successful.

10001. EVENT CODING. Events in this T&R manual are depicted with an up to 12-digit, 3-field alphanumeric system (i.e., XXXX-XXXX-XXXX). This chapter utilizes the following methodology:

a. Field one. This field represents the MOS. This chapter contains the following MOS codes:

<u>Code</u>	<u>Description</u>
0451	Parachute Rigger

b. Field two. This field represents the functional/duty area. This chapter contains the following functional/duty areas:

<u>Code</u>	<u>Description</u>
ADMN	Administration
MAIN	Maintenance Related Programs
OPS	Operations
RIG	Rig Airdrop Equipment

c. Field three. This field provides the level at which the event is accomplished and numerical sequencing of events. This chapter contains the following event levels:

<u>Code</u>	<u>Description</u>
1000	Core Skills
2000	Core Plus Skills

10002. INDEX OF EVENTS

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10003. 1000-LEVEL EVENTS

0451-MAIN-1601: Apply a basic sewn patch to a personnel parachute

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given tools, equipment, patch material and references.

STANDARD: To ensure serviceability.

PERFORMANCE STEPS:

1. Inspect damaged area.
2. Initiate maintenance management process.
3. Prepare damaged area.
4. Repair damaged area.
5. Perform quality assurance inspection.
6. Complete maintenance management process.

REFERENCES:

1. TM 10-1670-201-23/T General Maintenance of Parachute and other Airdrop

- Equipment
2. TM 10443A-12A&P Tandem Offset Resupply Delivery System (TORDS)
 3. TM 11083B-OI MC-7 Personnel Parachute System
 4. TM 11168A-OI Multimission Parachute System
-

0451-MAIN-1602: Replace a control line on an MC-7 main parachute

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 18 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given tools, equipment, material, packing table and references.

STANDARD: To ensure serviceability

PERFORMANCE STEPS:

1. Initiate maintenance management process.
2. Remove damaged control line.
3. Perform corrective maintenance.
4. Perform quality control inspection.
5. Complete administrative requirements.
6. Complete maintenance management process.

REFERENCES:

1. TM 11083B-OI MC-7 Personnel Parachute System
-

0451-MAIN-1603: Perform a rigger-roll on parachutes

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a parachute requiring repair.

STANDARD: Ensuring parachute is configured for maintenance, storage or shipment.

PERFORMANCE STEPS:

1. Place the parachute in the proper layout.
2. Complete rolling of upper canopy.
3. Secure the canopy assembly.
4. Tag parachute.

REFERENCES:

1. TM 10-1670-201-23/T General Maintenance of Parachute and other Airdrop Equipment
 2. TM 10-1670-275-23 & P 12 Foot High Velocity Parachute
 3. TM 10-1670-276-23 & P 26 Foot High Velocity Parachute
 4. TM 10-1670-277-23&P Parachute, Cargo, Extraction, Heavy Duty, 15-FT
 5. TM 10-1670-278-23&P Parachute, Cargo, Extraction, Heavy Duty, 28-FT
 6. TM 10-1670-279-23&P Parachute, Cargo, Extraction, Heavy Duty, 22-FT
 7. TM 10-1670-282-23 & P 34 Foot Diameter G-14 Cargo Parachute
 8. TM 10443B-12 Military Tandem Tethered Bundle (MTTB)
 9. TM 10443C-OI Tandem Offset Resupply Delivery System
 10. TM 11083B-OI MC-7 Personnel Parachute System
 11. TM 11168A-OI Multimission Parachute System
-

0451-MAIN-1604: Perform operational checks on altimeters

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 24 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a test chamber, administrative supplies and references.

STANDARD: Ensuring all items are maintained in a serviceable condition and operate within parameters.

PERFORMANCE STEPS:

1. Initiate maintenance management process.
2. Inspect altimeters.
3. Chamber altimeters.
4. Complete administrative requirements.
5. Complete maintenance management process.

REFERENCES:

1. TM 10-1670-300-20 & P Ancillary Equipment for Military Free Fall
-

0451-MAIN-1605: Perform maintenance on Parachutist High-Altitude Oxygen Systems (PHAOS)

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a test stand, tools, expendable materials and references.

STANDARD: Ensuring serviceability.

PERFORMANCE STEPS:

1. Initiate maintenance management process.
2. Inspect components.
3. Clean components.
4. Test components.
5. Note any discrepancies.
6. Perform authorized corrective maintenance actions.
7. Complete administrative process.
8. Complete maintenance management process.

REFERENCES:

1. TM 10-1670-276-12&P Parachute Oxygen Systems
2. TM 11093A/11118A-OI Parachutist's High Altitude Oxygen Supply (PHAOS) System

MISCELLANEOUS:

SPECIAL PERSONNEL CERTS: Requires PHAOS Technician Course completion provided in Panama City, Florida.

0451-MAIN-1606: Perform maintenance on PHAOS Bail-Out Bottle

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a test stand, tools, expendable materials and references.

STANDARD: Ensuring serviceability.

PERFORMANCE STEPS:

1. Initiate maintenance management process.
2. Inspect components.
3. Clean components.
4. Test components.
5. Note any discrepancies.
6. Perform authorized corrective maintenance actions.
7. Complete administrative process.
8. Complete maintenance management process.

REFERENCES:

1. TM 10-1670-276-12&P Parachute Oxygen Systems
2. TM 11093A/11118A-OI Parachutist's High Altitude Oxygen Supply (PHAOS) System

MISCELLANEOUS:

SPECIAL PERSONNEL CERTS: Requires PHAOS Technician Course completion provided in Panama City, Florida.

0451-MAIN-1607: Perform maintenance on PHAOS Console

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a test stand, tools, expendable materials and references.

STANDARD: To ensure serviceability.

PERFORMANCE STEPS:

1. Initiate maintenance management process.
2. Inspect components.
3. Clean components.
4. Test components.
5. Note any discrepancies.
6. Perform authorized corrective maintenance actions.
7. Complete administrative process.
8. Complete maintenance management process.

REFERENCES:

1. TM 10-1670-276-12&P Parachute Oxygen Systems
2. TM 11093A/11118A-OI Parachutist's High Altitude Oxygen Supply (PHAOS) System

MISCELLANEOUS:

SPECIAL PERSONNEL CERTS: Requires PHAOS Technician Course completion provided in Panama City, Florida.

0451-MAIN-1608: Perform maintenance on the military Cybernetic Parachute Release System (CYPRES)

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given tools, floor space packing table, expendable equipment and references.

STANDARD: Ensuring operability.

PERFORMANCE STEPS:

1. Initiate maintenance management process.
2. Inspect components.
3. Identify defects.
4. Correct deficiencies.
5. Validate operability.
6. Validate serviceability.
7. Evacuate to higher echelon, as required.
8. Complete administrative requirements.
9. Complete maintenance management process.

REFERENCES:

1. TM 11019-12&P Cybernetic Parachute Release System (CYPRES) Automatic Opening Device (AOD)
 2. TM 70244A-OI USMC Freefall Ops & Techniques
-

0451-OPS-1701: Perform a personnel jump from an aircraft

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 3 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an aircraft, drop-zone support team, and parachute system.

STANDARD: To ensure completion of the requirement.

PERFORMANCE STEPS:

1. Attend jumpmaster brief.
2. Conduct pre-jump training.
3. Execute operational phase.
4. Execute recovery phase.
5. Attend debrief.

REFERENCES:

1. FM 3-21.220 (FM 57-220) Static Line Parachuting Techniques and Training

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: This is taught at CID A030CG1 Basic Airborne Course, Fort Benning, Georgia and CID: M50KLD1 Multi-Mission Parachute Course (MMPC) Coolidge, Arizona.

0451-OPS-1702: Deliver supplies utilizing a Type V Platform

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given required support equipment aircraft, tools, expendables and references.

STANDARD: To ensure aerial delivery is accomplished.

PERFORMANCE STEPS:

1. Perform Transported Force Inspection.
2. Transport Load.
3. Inspect aircraft.
4. Load aircraft.
5. Rig aircraft.
6. Perform Joint Airdrop Inspection (JAI).
7. Conduct airdrop.

REFERENCES:

1. FM 4-20.102 Rigging Airdrop Platforms
2. MCO 13480.1 Joint Airdrop Inspection Records, Malfunction Investigation & Activity Reports
3. TM 10-1670-280-23&P 100-foot Diameter G-11B Cargo Parachute

4. TM 10-1670-281-23 & P 64-Foot Diameter G-12 D/E Cargo Parachute

0451-OPS-1703: Deliver supplies utilizing the Container Delivery System (CDS)

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 3 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given required support equipment aircraft, tools, expendables and references.

STANDARD: Ensuring aerial delivery is accomplished.

PERFORMANCE STEPS:

1. Perform Transported Force Inspection.
2. Transport load.
3. Inspect aircraft.
4. Load aircraft.
5. Rig aircraft.
6. Perform Joint Airdrop Inspection (JAI).
7. Perform airdrop.

REFERENCES:

1. FM 4-20.103 Rigging Containers
 2. MCO 13480.1 Joint Airdrop Inspection Records, Malfunction Investigation & Activity Reports
 3. TM 10-1670-276-23 & P 26 Foot High Velocity Parachute
 4. TM 10-1670-281-23 & P 64-Foot Diameter G-12 D/E Cargo Parachute
 5. TM 10-1670-282-23 & P 34 Foot Diameter G-14 Cargo Parachute
 6. TM 10-1670-334-13&P Joint Precision Air Drop System 2K, Modular (JPADS 2K-M)
 7. TM 10-1670-XXX-13 & P 10K Joint Precision Airdrop System (JPADS)
 8. TM 10-1670-XXX-13 & P Ultra Light Weight Joint Precision Airdrop System (JPADS)
-

0451-OPS-1704: Support high altitude high opening (HAHO) operations

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a mission requirement of inserting Marines utilizing the high altitude high opening (HAHO) capability.

STANDARD: Ensuring all airborne equipment utilized is functioning properly, properly maintained, serviceable, and available for issue, according to operational tasking.

PERFORMANCE STEPS:

1. Identify required equipment.
2. Perform functions check on required equipment.
3. Issue required equipment.
4. Support high altitude high opening (HAHO) operations.
5. Perform recovery actions, as required.

REFERENCES:

1. MCO 13480.1 Joint Airdrop Inspection Records, Malfunction Investigation & Activity Reports
2. TM 70244A-OI USMC Freefall Ops & Techniques

0451-OPS-1705: Support high altitude low opening (HALO) operations

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 3 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a mission requirement of inserting Marines utilizing the high altitude low opening (HALO) capability.

STANDARD: Ensuring all airborne equipment utilized is functioning properly, properly maintained, serviceable, and available for issue, according to operational tasking.

PERFORMANCE STEPS:

1. Identify required equipment.
2. Perform functions check on required equipment.
3. Issue required equipment.
4. Support high altitude low opening (HALO) operations.
5. Perform recovery actions, as required.

REFERENCES:

1. MCO 13480.1 Joint Airdrop Inspection Records, Malfunction Investigation &

Activity Reports
2. TM 70244A-OI USMC Freefall Ops & Techniques

0451-OPS-1706: Support parachute operations requiring supplemental oxygen

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an aircraft, oxygen equipment and parachutists.

STANDARD: Ensuring the safe and effective conduct on board the aircraft.

PERFORMANCE STEPS:

1. Inspect supplemental oxygen equipment.
2. Inspect aircraft.
3. Rig the aircraft with supplemental oxygen
4. Oxygen Tech manages supplemental oxygen equipment throughout parachute operation.
5. Post operation inspection.
6. Place in secure storage.

REFERENCES:

1. TM 10-1670-276-12&P Parachute Oxygen Systems
 2. TM 11093A/11118A-OI Parachutist's High Altitude Oxygen Supply (PHAOS) System
 3. TM 70244A-OI USMC Freefall Ops & Techniques
-

0451-PACK-1001: Conduct a Technical Rigger Inspection (TRI)

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 36 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a parachute system and/or airdrop item, packing tables or floor space, and the references.

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STANDARD: Ensuring 100% of all discrepancies are identified, in order to maintain the serviceability of parachute system and/or airdrop item.

PERFORMANCE STEPS:

1. Identify equipment.
2. Identify components.
3. Inspect airdrop items.
4. Document findings, as required.
5. Perform actions, as required.

REFERENCES:

1. FM 4-20.102 Rigging Airdrop Platforms
2. FM 4-20.103 Rigging Containers
3. TM 10-1670-201-23/T General Maintenance of Parachute and other Airdrop Equipment
4. TM 10-1670-268-20 & P Type V Airdrop Platform
5. TM 10-1670-269-23 & P Parachute, Personnel Type 24 Ft Diameter, Troop, Chest, Reserve
6. TM 10-1670-275-23 & P 12 Foot High Velocity Parachute
7. TM 10-1670-276-12&P Parachute Oxygen Systems
8. TM 10-1670-276-23 & P 26 Foot High Velocity Parachute
9. TM 10-1670-277-23&P Parachute, Cargo, Extraction, Heavy Duty, 15-FT
10. TM 10-1670-278-23&P Parachute, Cargo, Extraction, Heavy Duty, 28-FT
11. TM 10-1670-279-23&P Parachute, Cargo, Extraction, Heavy Duty, 22-FT
12. TM 10-1670-280-23&P 100-foot Diameter G-11B Cargo Parachute
13. TM 10-1670-281-23 & P 64-Foot Diameter G-12 D/E Cargo Parachute
14. TM 10-1670-282-23 & P 34 Foot Diameter G-14 Cargo Parachute
15. TM 10-1670-286-20 Sling/Extraction Line Panel
16. TM 10-1670-296-20 & P Airdrop Ancillary Equipment
17. TM 10-1670-298-20 & P Container Delivery System
18. TM 10-1670-300-20 & P Ancillary Equipment for Military Free Fall
19. TM 10-1670-334-13&P Joint Precision Air Drop System 2K, Modular (JPADS 2K-M)
20. TM 10-1670-XXX-13 & P 10K Joint Precision Airdrop System (JPADS)
21. TM 10-1670-XXX-13 & P Ultra Light Weight Joint Precision Airdrop System (JPADS)
22. TM 10443C-OI Tandem Offset Resupply Delivery System
23. TM 11019-12A&P Cybernetic Parachute Release System
24. TM 11083B-OI MC-7 Personnel Parachute System
25. TM 11093A/11118A-OI Parachutist's High Altitude Oxygen Supply (PHAOS) System
26. TM 11168A-OI Multimission Parachute System

0451-PACK-1002: Pack a 15 foot cargo extraction parachute

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given tools, expendable material, packing tables or floor space, and references.

STANDARD: To ensure deployment of parachute.

PERFORMANCE STEPS:

1. Initiate Maintenance Management Process.
2. Place the canopy in pack layout.
3. Inspect the parachute.
4. Complete Rigger check #1.
5. Complete canopy flat fold.
6. Complete Rigger check #2.
7. Complete long fold and deployment bag attached.
8. Complete Rigger check #3.
9. Complete stowage of canopy.
10. Complete Rigger check #4.
11. Complete first suspension line stow.
12. Complete Rigger check #5.
13. Complete closure of deployment bag.
14. Complete Rigger check #6.
15. Complete after extraction line is stowed, as required.
16. Complete Rigger check #7, as required.
17. Label parachute configuration.
18. Complete maintenance management process.

REFERENCES:

1. TM 10-1670-278-23&P Parachute, Cargo, Extraction, Heavy Duty, 28-FT
-

0451-PACK-1003: Pack a 22 foot cargo extraction parachute

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given tools, expendable material, packing tables or floor space, and references.

STANDARD: To ensure deployment of parachute.

PERFORMANCE STEPS:

1. Initiate Maintenance Management Process.

2. Place the canopy in pack layout.
3. Inspect the parachute.
4. Complete Rigger check #1.
5. Complete canopy flat fold.
6. Complete Rigger check #2.
7. Complete long fold and deployment bag attached.
8. Complete Rigger check #3.
9. Complete stowage of canopy.
10. Complete Rigger check #4.
11. Complete first suspension line stow.
12. Complete Rigger check #5.
13. Complete closure of deployment bag.
14. Complete Rigger check #6.
15. Complete after extraction line is stowed, as required.
16. Complete Rigger check #7, as required.
17. Label parachute configuration.
18. Complete maintenance management process.

REFERENCES:

1. TM 10-1670-279-23&P Parachute, Cargo, Extraction, Heavy Duty, 22-FT
-

0451-PACK-1004: Pack a 28 foot cargo extraction parachute

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 1 month

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given tools, expendable material, packing tables or floor space, and references.

STANDARD: To ensure deployment of parachute.

PERFORMANCE STEPS:

1. Initiate Maintenance Management Process.
2. Place the canopy in pack layout.
3. Inspect the parachute.
4. Complete Rigger check #1.
5. Complete canopy flat fold.
6. Complete Rigger check #2.
7. Complete long fold and deployment bag attached.
8. Complete Rigger check #3.
9. Complete stowage of canopy.
10. Complete Rigger check #4.
11. Complete first suspension line stow.
12. Complete Rigger check #5.

13. Complete closure of deployment bag.
14. Complete Rigger check #6.
15. Complete after extraction line is stowed, as required.
16. Complete Rigger check #7, as required.
17. Label parachute configuration.
18. Complete administrative requirements.
19. Complete maintenance management process.

REFERENCES:

1. TM 10-1670-277-23&P Parachute, Cargo, Extraction, Heavy Duty, 15-FT
-

0451-PACK-1005: Pack a 26 foot high velocity cargo parachute

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given tools, expendable material, packing tables or floor space, and references.

STANDARD: To ensure deployment of parachute.

PERFORMANCE STEPS:

1. Initiate Maintenance Management Process.
2. Place the canopy in pack layout.
3. Inspect the parachute.
4. Complete Rigger check #1.
5. Complete canopy flat fold.
6. Complete Rigger check #2.
7. Complete long fold.
8. Complete Rigger check #3.
9. Complete stowage of canopy.
10. Complete Rigger check #4.
11. Complete first suspension line stow.
12. Complete Rigger check #5.
13. Complete closure of deployment bag.
14. Complete Rigger check #6.
15. Label parachute configuration.
16. Complete maintenance management process.

REFERENCES:

1. TM 10-1670-276-23 & P 26 Foot High Velocity Parachute
-

0451-PACK-1006: Pack a G-11 cargo parachute

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given tools, expendable material, floor space, and references.

STANDARD: To ensure deployment of parachute.

PERFORMANCE STEPS:

1. Initiate Maintenance Management Process.
2. Place the canopy in proper layout.
3. Inspect the parachute.
4. Install reefing line cutters.
5. Complete Rigger check #1.
6. Complete canopy gore folds.
7. Complete centering line installation.
8. Complete Rigger check #2.
9. Complete canopy ties.
10. Complete suspension line ties.
11. Complete connector link ties.
12. Complete riser ties.
13. Complete Rigger check #3.
14. Complete stowage of canopy.
15. Complete arming of reefing line cutters.
16. Complete Rigger check #4.
17. Complete locking stows and first regular stow.
18. Complete Rigger check #5.
19. Complete suspension line stows.
20. Complete suspension line protector flap lacing.
21. Complete Rigger check #6.
22. Label parachute.
23. Complete maintenance management process.

REFERENCES:

1. TM 10-1670-280-23&P 100-foot Diameter G-11B Cargo Parachute
-

0451-PACK-1007: Pack a G-12 cargo parachute

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given tools, expendable material, floor space, and references.

STANDARD: To ensure deployment of parachute.

PERFORMANCE STEPS:

1. Initiate Maintenance Management Process.
2. Place the canopy in proper layout.
3. Inspect the parachute.
4. Complete Rigger check #1.
5. Complete centering line installation.
6. Complete Rigger check #2.
7. Complete gore folds.
8. Complete Rigger check #3
9. Complete canopy ties.
10. Complete suspension line ties.
11. Complete connector links ties.
12. Complete Rigger check #4.
13. Complete stowage of canopy.
14. Complete Rigger check #5.
15. Complete stowage of suspension lines.
16. Complete Rigger check #6.
17. Complete locking stows and regular stows.
18. Complete suspension line protector flap lacing.
19. Complete Rigger check #7.
20. Label parachute.
21. Complete maintenance management process.

REFERENCES:

1. TM 10-1670-281-23 & P 64-Foot Diameter G-12 D/E Cargo Parachute
-

0451-PACK-1008: Pack a G-14 cargo parachute

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given tools, expendable material, packing tables or floor space, and references.

STANDARD: To ensure deployment of parachute.

PERFORMANCE STEPS:

1. Initiate Maintenance Management Process.
2. Place the canopy in proper layout.
3. Inspect the parachute.
4. Complete Rigger check #1.
5. Complete flat fold.
6. Complete Rigger check #2.
7. Complete long fold.
8. Complete Rigger check #3.
9. Complete suspension lines stows.
10. Complete Rigger check #4.
11. Complete stowage of canopy.
12. Complete break cord tie.
13. Complete Rigger check #5.
14. Complete pack closing tie.
15. Complete Rigger check #6.
16. Complete packing of parachute.
17. Complete Rigger check #7.
18. Label parachute.
19. Complete maintenance management process.

REFERENCES:

1. TM 10-1670-282-23 & P 34 Foot Diameter G-14 Cargo Parachute
-

0451-PACK-1009: Pack an MC-7 Main Parachute

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given tools, expendable material, packing tables or floor space and references.

STANDARD: To ensure deployment.

PERFORMANCE STEPS:

1. Initiate Maintenance Management Process.
2. Place the canopy in proper layout.
3. Inspect the parachute.
4. Complete Rigger check #1.
5. Complete gore folds.
6. Complete Rigger check #2.
7. Complete long fold.
8. Complete Rigger check #3.
9. Complete canopy stowage.

10. Complete Rigger check #4.
11. Complete suspension line stows.
12. Complete Rigger check #5.
13. Complete closure of container.
14. Complete Rigger check #6.
15. Complete static-line stowage.
16. Complete Rigger check #7, as required.
17. Complete maintenance management process.

REFERENCES:

1. TM 11083B-OI MC-7 Personnel Parachute System
-

0451-PACK-1010: Pack a MC-7 Reserve Parachute

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given tools, expendable material, packing tables or floor space and references.

STANDARD: To ensure deployment.

PERFORMANCE STEPS:

1. Initiate Maintenance Management Process.
2. Place the canopy in proper layout.
3. Inspect the parachute.
4. Complete Rigger check #1.
5. Complete gore folds.
6. Complete Rigger check #2.
7. Complete long fold.
8. Complete Rigger check #3.
9. Complete first stow.
10. Complete Rigger check #4.
11. Complete suspension line stows.
12. Complete Rigger check #5.
13. Complete placement of extractor.
14. Complete Rigger check #6.
15. Complete temporary closing.
16. Complete Rigger check #7.
17. Complete installation of curved pins.
18. Complete Rigger check #8.
19. Complete packing of parachute.
20. Complete Rigger check #9.
21. Complete administrative requirements.

22. Complete maintenance management process.

REFERENCES:

1. TM 11083B-OI MC-7 Personnel Parachute System

0451-PACK-1011: Pack an MP-360 Main Parachute in hand deployed pilot chute configuration

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given tools, expendable material, floor space, and references.

STANDARD: To ensure deployment.

PERFORMANCE STEPS:

1. Initiate Maintenance Management Process.
2. Place the canopy in pack layout.
3. Inspect the system.
4. Conduct a line continuity check.
5. Set deployment brakes.
6. Complete Rigger check #1.
7. Start folding the canopy.
8. Complete Rigger check #2.
9. Continue folding the canopy.
10. Complete Rigger check #3.
11. S-Fold canopy.
12. Complete Rigger check #4.
13. Stow remaining suspension lines.
14. Complete Rigger check #5.
15. Close the container according to the hand deployed pilot chute configuration.
16. Complete Rigger check #6.
17. Stow pilot chute.
18. Complete administrative requirements.
19. Complete Rigger check #7.
20. Complete maintenance management process.

REFERENCES:

1. TM 11168A-OI Multimission Parachute System

0451-PACK-1012: Pack an MP-360 Main Parachute In Double Bag Static-Line

Configuration

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given tools, expendable material, floor space, and references.

STANDARD: To ensure deployment.

PERFORMANCE STEPS:

1. Initiate Maintenance Management Process.
2. Place the canopy in pack layout.
3. Inspect the system.
4. Conduct a line continuity check.
5. Set deployment brakes.
6. Complete Rigger check #1.
7. Start folding the canopy.
8. Complete Rigger check #2.
9. Continue folding the canopy.
10. Complete Rigger check #3.
11. S-Fold canopy.
12. Place in inner Deployment bag.
13. Stow bridle.
14. Stow drogue.
15. Complete Rigger check #4.
16. Tie drogue to outer deployment bag.
17. Place in outer deployment bag.
18. Complete four locking stows.
19. Complete Rigger check #5.
20. Stow remaining suspension lines.
21. Place deployment bag in container.
22. Complete main deployment bag securing stows.
23. Complete Rigger check #6.
24. Close the container according to the Double Bag Static Line configuration.
25. Complete Rigger check #7.
26. Stow static line.
27. Complete administrative requirements.
28. Complete Rigger check #8.
29. Complete maintenance management process.

REFERENCES:

1. TM 11168A-OI Multimission Parachute System

0451-PACK-1013: Pack an MP-360 Main Parachute In Self-Set Drogue

Configuration

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given tools, expendable material, floor space, and references.

STANDARD: To ensure deployment.

PERFORMANCE STEPS:

1. Initiate Maintenance Management Process.
2. Place the canopy in pack layout.
3. Inspect the system.
4. Conduct a line continuity check.
5. Set deployment brakes.
6. Complete Rigger check #1.
7. Start folding the canopy.
8. Complete Rigger check #2.
9. Continue folding the canopy.
10. Complete Rigger check #3.
11. S-Fold canopy.
12. Complete Rigger check #4.
13. Stow remaining suspension lines.
14. Complete Rigger check #5.
15. Close the container according to the self-set drogue configuration.
16. Complete Rigger check #6.
17. Stow drogue chute.
18. Complete administrative requirements.
19. Complete Rigger check #7.
20. Complete maintenance management process.

REFERENCES:

1. TM 11168A-OI Multimission Parachute System

0451-PACK-1014: Pack an MP-360 Main Parachute In Static-Line Drogue Configuration

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given tools, expendable material, floor space, and references.

STANDARD: To ensure deployment.

PERFORMANCE STEPS:

1. Initiate Maintenance Management Process.
2. Place the canopy in pack layout.
3. Inspect the system.
4. Conduct a line continuity check.
5. Set deployment brakes.
6. Complete Rigger check #1.
7. Start folding the canopy.
8. Complete Rigger check #2.
9. Continue folding the canopy.
10. Complete Rigger check #3.
11. S-Fold canopy.
12. Complete Rigger check #4.
13. Stow remaining suspension lines.
14. Complete Rigger check #5.
15. Close the container according to the static-line drogue configuration.
16. Complete Rigger check #6.
17. Stow drogue chute in deployment bag.
18. Attach deployment bag.
19. Complete Rigger check #7.
20. Stow static-line.
21. Complete administrative requirements.
22. Complete Rigger check #8.
23. Complete maintenance management process.

REFERENCES:

1. TM 11168A-OI Multimission Parachute System
-

0451-PACK-1015: Pack an HR-360 Reserve Parachute

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given tools, expendable material, floor space, and references.

STANDARD: To ensure deployment.

PERFORMANCE STEPS:

1. Initiate maintenance management process.
2. Place the canopy in pack layout.
3. Inspect the system.
4. Conduct a line continuity check.
5. Set deployment brakes.
6. Complete Rigger check #1.
7. Start folding the canopy.
8. Complete Rigger check #2.
9. Continue folding the canopy.
10. Complete Rigger check #3.
11. S-Fold canopy and complete 4 locking stows.
12. Stow remaining suspension lines.
13. Complete Rigger check #4.
14. Place deployment bag in container.
15. Close number 1 flap.
16. Complete Rigger check #5.
17. Stow bridle.
18. Secure sky hook lanyard.
19. Complete Rigger check #6.
20. Compress pilot chute.
21. Complete Rigger check #7.
22. Finish closing container.
23. Complete Rigger check #8.
24. Perform pin pull test.
25. Complete Rigger check #9.
26. Complete administrative requirements.
27. Complete Rigger check #10.
28. Complete maintenance management process.

REFERENCES:

1. TM 11168A-OI Multimission Parachute System
-

0451-PACK-1016: Pack a 2K-M JPADS

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given tools, expendable material, floor space, pack frame and references.

STANDARD: Ensuring delivery of the load.

PERFORMANCE STEPS:

1. Initiate maintenance management process.

2. Shake out parachute.
3. Conduct inspection.
4. Pack system.
5. Complete administrative requirements.
6. Complete maintenance management process.

REFERENCES:

1. TM 10-1670-334-13&P Joint Precision Air Drop System 2K, Modular (JPADS 2K-M)
-

0451-PACK-1018: Pack a ULW JPADS

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given tools, expendable material, floor space, and references.

STANDARD: Ensuring delivery of a load.

PERFORMANCE STEPS:

1. Initiate maintenance management process.
2. Shake out canopy.
3. Inspect the system.
4. Conduct a line continuity check.
5. Hang canopy.
6. Set deployment brakes.
7. Complete Rigger check #1.
8. Start flaking the canopy.
9. Stow excess control line.
10. Tie stabilizers.
11. Complete Rigger check #2.
12. Cocoon canopy.
13. Complete Rigger check #3.
14. Fold canopy into deployment bag.
15. Make first two locking stows.
16. Complete Rigger check #4.
17. Stow remaining suspension lines.
18. Complete Rigger check #5.
19. Close the container.
20. Complete Rigger check #6.
21. Stow pilot chute in pouch.
22. Stow release-away static-line (RSL).
23. Install arming lanyard.
24. Complete Rigger check #7.

25. Complete administrative requirements.
26. Complete maintenance management process.

REFERENCES:

1. TM 10-1670-XXX-13 & P Ultra Light Weight Joint Precision Airdrop System (JPADS)

0451-RIG-1901: Rig an A-22 cargo CDS

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given items requiring airdrop, tools, floor space, required personnel, support requirement, expendable material, and references.

STANDARD: To ensure delivery of the load.

PERFORMANCE STEPS:

1. Prepare equipment for airdrop.
2. Rig equipment.
3. Label equipment.
4. Inspect equipment.

REFERENCES:

1. FM 4-20.103 Rigging Containers
2. TM 10-1670-276-23 & P 26 Foot High Velocity Parachute
3. TM 10-1670-281-23 & P 64-Foot Diameter G-12 D/E Cargo Parachute
4. TM 10-1670-282-23 & P 34 Foot Diameter G-14 Cargo Parachute

0451-RIG-1902: Assemble an M-1 cargo release

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given tools, equipment, packing tables or floor space, expendable

material and references.

STANDARD: To ensure operational readiness.

PERFORMANCE STEPS:

1. Initiate maintenance management process.
2. Identify components.
3. Inspect components.
4. Assemble components.
5. Test the system.
6. Perform applicable maintenance.
7. Complete maintenance management process.

REFERENCES:

1. FM 4-20.102 Rigging Airdrop Platforms
 2. TM 10-1670-296-20 & P Airdrop Ancillary Equipment
-

0451-RIG-1903: Assemble an Extraction Force Transfer Coupling (EFTC)

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given tools, equipment, packing table or floor space and references.

STANDARD: To ensure activation.

PERFORMANCE STEPS:

1. Initiate maintenance management process.
2. Identify components.
3. Inspect components.
4. Assemble components.
5. Test the system.
6. Perform applicable maintenance.
7. Complete maintenance management process.

REFERENCES:

1. FM 4-20.102 Rigging Airdrop Platforms
 2. TM 10-1670-296-20 & P Airdrop Ancillary Equipment
-

0451-RIG-1904: Rig a Type V platform for air drop

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given tools, floor space, required personnel, support requirement, expendable material and references.

STANDARD: To ensure delivery of the load.

PERFORMANCE STEPS:

1. Prepare the equipment for airdrop.
2. Rig equipment.
3. Label equipment.
4. Inspect equipment.

REFERENCES:

1. FM 4-20.102 Rigging Airdrop Platforms
 2. TM 10-1670-268-20 & P Type V Airdrop Platform
 3. TM 10-1670-296-20 & P Airdrop Ancillary Equipment
-

0451-RIG-1905: Rig an extraction line panel

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given tools, packing tables, floor space, expendable material and references.

STANDARD: To ensure load exits aircraft.

PERFORMANCE STEPS:

1. Identify components.
2. Inspect components.
3. Assemble extraction line.
4. Inspect the extraction line panel.
5. Label configuration.

REFERENCES:

14 Oct 2014

1. TM 10-1670-201-23/T General Maintenance of Parachute and other Airdrop Equipment
2. TM 10-1670-286-20 Sling/Extraction Line Panel

10004. 2000-LEVEL EVENTS

0451-ADMN-2101: Supervise paraloft operations

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 24 months

MOS PERFORMING: 0405, 0451

BILLETS: Air Delivery Officer, Paraloft Chief

GRADES: SGT, SSGT, GYSGT, MSGT, 2NDLT, 1STLT, CAPT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a facility, personnel, equipment tools, administrative supplies, automated systems and references.

STANDARD: Ensuring mission requirements are met, all equipment is accounted for and maintained in serviceable condition.

PERFORMANCE STEPS:

1. Establish personnel requirements.
2. Maintain training program.
3. Develop operational requirements.
4. Develop logistical requirements.
5. Submit fiscal requirements.
6. Complete administrative requirements.
7. Maintain safety program requirements.
8. Maintain the Pack-In-Process Inspector (PIPI) program.
9. Advise the Parachute Safety Officer as required.

REFERENCES:

1. FM 10-400 QM Airdrop & Airdrop Equipment Support Unit
2. FM 10-500-9 Quartermaster Airdrop and Airdrop Support Units
3. FM 3-21.220 (FM 57-220) Static Line Parachuting Techniques and Training
4. FM 31-19 Military Free-fall Parachuting Tactics, Techniques, and Procedures
5. FM 4-20.102 Rigging Airdrop Platforms
6. FM 4-20.103 Rigging Containers
7. MCBUL 3000 Marine Corps Automated Readiness Evaluation System (MARES) Equipment
8. MCO 13480.1 Joint Airdrop Inspection Records, Malfunction Investigation & Activity Reports
9. MCO 3500.27_ Operational Risk Management (ORM)
10. MCO 4733.1_ Marine Corps Test, Measurement, and Diagnostic Equipment (TMDE) Calibration and Maintenance Program (CAMP)
11. MCO 4855.10_ Product Quality Deficiency Report (PQDR)

12. MCO P4790.2_ MIMMS Field Procedures Manual
13. MCO P5102.1B Navy & Marine Corps Mishap And Safety Investigation Reporting, and Record Keeping Manual (Jan 05)
14. MCWP 5-1 Marine Corps Planning Process (MCPPE)
15. TM 4700-15/1_ Ground Equipment Record Procedures
16. TM 70244A-OI USMC Freefall Ops & Techniques

MISCELLANEOUS:

SPECIAL PERSONNEL CERTS: Prerequisite training/certifications:

- (1) Be a Pack-In-Process Inspector (PIPI)
- (2) Complete the Airdrop Load Inspector Course (ALIC) (CID: A143211)
- (3) Complete the Static-Line Jumpmaster Course (CID: A0371M1)
- (4) Complete the Career-Level Airborne and Air Delivery Specialist Course (CID: A14L894)
- (5) Military Free-Fall Qualified, as required
- (6) Military Free-Fall Jumpmaster, as required
- (7) Parachutist High Altitude Oxygen System (PHAOS) Technician Course, as required

0451-ADMN-2102: Conduct an in-storage inspection on combat contingency assets

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 24 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Given an airdrop item, storage facility and references.

STANDARD: To ensure all airdrop items are stored and maintained in serviceable condition.

PERFORMANCE STEPS:

1. Determine inspectable items.
2. Perform inspection.
3. Perform maintenance, as required.
4. Perform administrative requirements.
5. Pack parachute.
6. Mark for contingency.
7. Place parachute in secure location.
8. Monitor climate control.
9. Inspect as required.

REFERENCES:

14 Oct 2014

1. TM 10-1670-201-23/T General Maintenance of Parachute and other Airdrop Equipment

0451-ADMN-2103: Inspect a Marine Corps paraloft

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Safety Analyst

GRADES: MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Given a laptop, automated system, references and administrative supplies.

STANDARD: Ensuring service paralofts mitigate mishaps and remain in compliance with regulations.

PERFORMANCE STEPS:

1. Advise Headquarters Marine Corps on all parachute safety concerns.
2. Investigate and evaluate all malfunctions.
3. Maintain data repositories for parachute operations.
4. Participate in the USMC Parachute Capabilities Conference.
5. Attend DOD and civilian parachute related conferences.
6. Conduct parachute safety inspections.
7. Publish and maintain a listing of all current publications pertinent to parachute and air delivery operations.
8. Evaluate OT and DT of procedures for personnel parachuting and air delivery for USMC aircraft in RDT
9. Participate as parachute Subject Matter Expert (SME) to the senior member of the safety investigation board, as required.

REFERENCES:

1. FM 4-20.102 Rigging Airdrop Platforms
2. FM 4-20.103 Rigging Containers
3. TM 10-1670-201-23/T General Maintenance of Parachute and other Airdrop Equipment
4. TM 10-1670-268-20 & P Type V Airdrop Platform
5. TM 10-1670-269-23 & P Parachute, Personnel Type 24 Ft Diameter, Troop, Chest, Reserve
6. TM 10-1670-275-23 & P 12 Foot High Velocity Parachute
7. TM 10-1670-276-12&P Parachute Oxygen Systems
8. TM 10-1670-276-23 & P 26 Foot High Velocity Parachute
9. TM 10-1670-277-23&P Parachute, Cargo, Extraction, Heavy Duty, 15-FT
10. TM 10-1670-278-23&P Parachute, Cargo, Extraction, Heavy Duty, 28-FT
11. TM 10-1670-280-23&P 100-foot Diameter G-11B Cargo Parachute
12. TM 10-1670-281-23 & P 64-Foot Diameter G-12 D/E Cargo Parachute
13. TM 10-1670-282-23 & P 34 Foot Diameter G-14 Cargo Parachute

14. TM 10-1670-286-20 Sling/Extraction Line Panel
15. TM 10-1670-296-20 & P Airdrop Ancillary Equipment
16. TM 10-1670-298-20 & P Container Delivery System
17. TM 10-1670-300-20 & P Ancillary Equipment for Military Free Fall
18. TM 10-1670-334-13&P Joint Precision Air Drop System 2K, Modular (JPADS 2K-M)
19. TM 10-1670-XXX-13 & P 10K Joint Precision Airdrop System (JPADS)
20. TM 10-1670-XXX-13 & P Ultra Light Weight Joint Precision Airdrop System (JPADS)
21. TM 10443B-12 Military Tandem Tethered Bundle (MTTB)
22. TM 10443C-OI Tandem Offset Resupply Delivery System
23. TM 11019-12A&P Cybernetic Parachute Release System
24. TM 11083B-OI MC-7 Personnel Parachute System
25. TM 11093A/11118A-OI Parachutist's High Altitude Oxygen Supply (PHAOS) System
26. TM 11168A-OI Multimission Parachute System

MISCELLANEOUS:

SPECIAL PERSONNEL CERTS: This is taught at CID A14L894 Career-Level Airborne and Air Delivery Specialist Course, Fort Lee, Virginia.

0451-ADMN-2104: Perform the duties of the Parachute Safety Officer (PSO)

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 0402, 0451, 3002

BILLETS: Parachute Safety Officer

GRADES: SSGT, GYSGT, MSGT, MGYSGT, 2NDLT, 1STLT, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given personnel, equipment and references.

STANDARD: Ensuring all personnel have fully complied with established orders and directives.

PERFORMANCE STEPS:

1. Validate personnel requirements.
2. Validate training program.
3. Validate operational requirements.
4. Validate logistical requirements.
5. Validate fiscal requirements.
6. Validate administrative requirements.
7. Validate safety program requirements.
8. Validate the Pack-In-Process Inspector (PIPI) program.
9. Conduct Malfunction/Incident Reporting, as required.

REFERENCES:

1. FM 10-400 QM Airdrop & Airdrop Equipment Support Unit
2. FM 10-500-9 Quartermaster Airdrop and Airdrop Support Units
3. FM 3-21.220 (FM 57-220) Static Line Parachuting Techniques and Training
4. FM 31-19 Military Free-fall Parachuting Tactics, Techniques, and Procedures
5. FM 4-20.102 Rigging Airdrop Platforms
6. FM 4-20.103 Rigging Containers
7. MCBUL 3000 Marine Corps Automated Readiness Evaluation System (MARES) Equipment
8. MCO 13480.1 Joint Airdrop Inspection Records, Malfunction Investigation & Activity Reports
9. MCO 3500.27_ Operational Risk Management (ORM)
10. MCO 4733.1_ Marine Corps Test, Measurement, and Diagnostic Equipment (TMDE) Calibration and Maintenance Program (CAMP)
11. MCO 4855.10_ Product Quality Deficiency Report (PQDR)
12. MCO P4790.2_ MIMMS Field Procedures Manual
13. MCO P5102.1B Navy & Marine Corps Mishap And Safety Investigation Reporting, and Record Keeping Manual (Jan 05)
14. MCWP 5-1 Marine Corps Planning Process (MCPPE)
15. TM 4700-15/1_ Ground Equipment Record Procedures
16. TM 70244A-OI USMC Freefall Ops & Techniques

MISCELLANEOUS:

SPECIAL PERSONNEL CERTS: Prerequisite training/certifications: (1) ORM Distance Learning Module; (2) Basic Airborne Course.

0451-MAIN-2601: Supervise the operations of a maintenance activity

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0405, 0451

BILLETS: Air Delivery Officer, Maintenance NCOIC

GRADES: SGT, SSGT, GYSGT, 2NDLT, 1STLT, CAPT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given personnel, materials tools, administrative supplies, packing tables, automated systems, floor space and references.

STANDARD: To ensure all equipment repairs are performed correctly within specified timeframes and all administrative requirements are completed.

PERFORMANCE STEPS:

1. Validate individual training records (ITRs).
2. Validate equipment record jackets.
3. Manage equipment inducted into maintenance section.
4. Validate logistics automated information system (AIS) transactions.
5. Manage equipment out-processed from maintenance section.

6. Validate quality assurance.

REFERENCES:

1. FM 4-20.102 Rigging Airdrop Platforms
2. FM 4-20.103 Rigging Containers
3. MCO 4855.10_ Product Quality Deficiency Report (PQDR)
4. MCO P4790.2_ MIMMS Field Procedures Manual
5. TM 10-1670-201-23/T General Maintenance of Parachute and other Airdrop Equipment
6. TM 10-1670-240-20/TO Miscellaneous Airdrop Canvas Webbing, Metal, and Wood Items

MISCELLANEOUS:

SPECIAL PERSONNEL CERTS: This is taught at CID A14L894 Career-Level Airborne and Air Delivery Specialist Course, Fort Lee, Virginia.

0451-MAIN-2602: Repair airdrop equipment containers

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Given tools, equipment repair material and references.

STANDARD: Ensure damaged areas are serviceable.

PERFORMANCE STEPS:

1. Inspect damaged area.
2. Initiate maintenance management process.
3. Prepare damaged area.
4. Repair damaged area.
5. Perform quality assurance inspection.
6. Complete maintenance management process.

REFERENCES:

1. FM 4-20.103 Rigging Containers
2. TM 10-1670-201-23/T General Maintenance of Parachute and other Airdrop Equipment

0451-MAIN-2603: Repair a personnel parachute harness

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given tools, equipment repair material and references.

STANDARD: Ensure all areas are serviceable.

PERFORMANCE STEPS:

1. Initiate maintenance management process.
2. Inspect damaged area.
3. Prepare damaged area.
4. Repair damaged area.
5. Perform quality assurance inspection.
6. Complete maintenance management process.

REFERENCES:

1. TM 10-1670-201-23/T General Maintenance of Parachute and other Airdrop Equipment
2. TM 10443B-12 Military Tandem Tethered Bundle (MTTB)
3. TM 10443C-OI Tandem Offset Resupply Delivery System
4. TM 11083B-OI MC-7 Personnel Parachute System
5. TM 11168A-OI Multimission Parachute System

MISCELLANEOUS:

SPECIAL PERSONNEL CERTS: Current industry offers specific training in this area in the form of Federal Aviation Administration (FAA) Senior and/or Master Rigger certification that will allow for advanced training.

0451-MAIN-2604: Repair a personnel parachute container

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given tools, equipment repair material and references.

STANDARD: Ensure all areas are serviceable/

PERFORMANCE STEPS:

1. Initiate maintenance management process.
2. Inspect damaged area.
3. Prepare damaged area.
4. Repair damaged area.
5. Complete quality assurance inspection.
6. Complete maintenance management process.

REFERENCES:

1. TM 10-1670-201-23/T General Maintenance of Parachute and other Airdrop Equipment
2. TM 10443B-12 Military Tandem Tethered Bundle (MTTB)
3. TM 10443C-OI Tandem Offset Resupply Delivery System
4. TM 11083B-OI MC-7 Personnel Parachute System
5. TM 11168A-OI Multimission Parachute System

MISCELLANEOUS:

SPECIAL PERSONNEL CERTS: Current industry offers specific training in this area in the form of Federal Aviation Administration (FAA) Senior and/or Master Rigger certification that will allow for advanced training.

0451-MAIN-2605: Perform advanced repair of a personnel parachute system

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given tools, equipment repair material and references.

STANDARD: Ensuring serviceability.

PERFORMANCE STEPS:

1. Initiate maintenance management process.
2. Inspect parachute system.
3. Prepare parachute system.
4. Repair parachute system, as required.
5. Modify parachute system, as required.
6. Perform component replacement on parachute system, as required.
7. Perform quality assurance inspection.
8. Complete maintenance management process.

REFERENCES:

1. TM 10443A-12A&P Tandem Offset Resupply Delivery System (TORDS)
2. TM 11083B-OI MC-7 Personnel Parachute System
3. TM 11168A-OI Multimission Parachute System

MISCELLANEOUS:

SPECIAL PERSONNEL CERTS: Current industry offers specific training in this area in the form of Federal Aviation Administration (FAA) Senior and/or Master Rigger certification that will allow for advanced training.

0451-MAIN-2607: Perform a suspension line splice

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 24 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Given tools, equipment material and references.

STANDARD: To ensure all damaged lines are repaired and to maintain serviceability of the parachute.

PERFORMANCE STEPS:

1. Initiate maintenance management process.
2. Inspect damaged area.
3. Prepare damaged area.
4. Repair damaged area.
5. Perform quality assurance inspection.
6. Complete maintenance management process.

REFERENCES:

1. TM 10-1670-201-23/T General Maintenance of Parachute and other Airdrop Equipment
 2. TM 10-1670-275-23 & P 12 Foot High Velocity Parachute
 3. TM 10-1670-276-23 & P 26 Foot High Velocity Parachute
 4. TM 10-1670-277-23&P Parachute, Cargo, Extraction, Heavy Duty, 15-FT
 5. TM 10-1670-278-23&P Parachute, Cargo, Extraction, Heavy Duty, 28-FT
 6. TM 10-1670-279-23&P Parachute, Cargo, Extraction, Heavy Duty, 22-FT
 7. TM 10-1670-280-23&P 100-foot Diameter G-11B Cargo Parachute
 8. TM 10-1670-281-23 & P 64-Foot Diameter G-12 D/E Cargo Parachute
 9. TM 10-1670-282-23 & P 34 Foot Diameter G-14 Cargo Parachute
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0451-MAIN-2608: Perform crew/operator maintenance on a sewing machine

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Given parts, tools, expendables and references.

STANDARD: To ensure serviceability.

PERFORMANCE STEPS:

1. Initiate maintenance management process.
2. Inspect machine.
3. Identify damaged parts.
4. Take corrective actions.
5. Perform quality assurance inspection.
6. Complete maintenance management process.

REFERENCES:

1. TM 10-1670-201-23/T General Maintenance of Parachute and other Airdrop Equipment

0451-MAIN-2620: Place a Sewing Machine in service

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given equipment and references.

STANDARD: Ensuring all manufacturer instructions are met.

PERFORMANCE STEPS:

1. Initiate maintenance management procedures.
2. Identify components.
3. Inspect components.
4. Assemble components.
5. Test components.
6. Complete maintenance management procedures.

REFERENCES:

1. CHANDLER Sewing Machine Model CM19R-2A
2. CONSEW Sewing Machine Model 206RB-5
3. CONSEW Sewing Machine Model 207
4. CONSEW Sewing Machine Model 333RB-2

5. CONSEW Sewing Machine Model 7360R
 6. JUKI Model LU-1508NH
 7. LK-1900A Instruction Manual/Partlist
 8. PENNSEW Model 733R-5
 9. STAGER Zig Zag Sewing Machine Model 21-5-3N
 10. TAJIMA 1-1AU
 11. TM-DGSC-3530-133 CONSEW Zig Zag Sewing Machine Model 199R-2A
 12. TM-DGSC-3530-134 CONSEW Light Duty Sewing Machine Model 230RH-1
 13. TM-DGSC-3530-136 CONSEW Medium Duty Sewing Machine Model 255RB-2/3
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0451-MAIN-2621: Prepare Sewing Machine for operation

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given tools, equipment and references.

STANDARD: Ensuring functionality for assigned task.

PERFORMANCE STEPS:

1. Identify type of machine.
2. Set data for specific task.
3. Thread machine head.
4. Install bobbin assembly.
5. Validate stitches per inch.
6. Validate thread tension.

REFERENCES:

1. CHANDLER Sewing Machine Model CM19R-2A
 2. CONSEW Sewing Machine Model 206RB-5
 3. CONSEW Sewing Machine Model 207
 4. CONSEW Sewing Machine Model 333RB-2
 5. CONSEW Sewing Machine Model 7360R
 6. JUKI Model LU-1508NH
 7. LK-1900A Instruction Manual/Partlist
 8. PENNSEW Model 733R-5
 9. STAGER Zig Zag Sewing Machine Model 21-5-3N
 10. TAJIMA 1-1AU
 11. TM-DGSC-3530-133 CONSEW Zig Zag Sewing Machine Model 199R-2A
 12. TM-DGSC-3530-134 CONSEW Light Duty Sewing Machine Model 230RH-1
 13. TM-DGSC-3530-136 CONSEW Medium Duty Sewing Machine Model 255RB-2/3
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0451-MAIN-2622: Maintain a Sewing Machine

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given tools, supplies, equipment and references.

STANDARD: Ensuring functionality.

PERFORMANCE STEPS:

1. Initiate maintenance management procedures.
2. Identify type of machine.
3. Identify required preventive maintenance checks and services (PMCS).
4. Perform required preventive maintenance checks and services (PMCS).
5. Complete maintenance management procedures.

REFERENCES:

1. CHANDLER Sewing Machine Model CM19R-2A
2. CONSEW Sewing Machine Model 206RB-5
3. CONSEW Sewing Machine Model 207
4. CONSEW Sewing Machine Model 333RB-2
5. CONSEW Sewing Machine Model 7360R
6. JUKI Model LU-1508NH
7. LK-1900A Instruction Manual/Partlist
8. PENNSEW Model 733R-5
9. STAGER Zig Zag Sewing Machine Model 21-5-3N
10. TAJIMA 1-1AU
11. TM-DGSC-3530-133 CONSEW Zig Zag Sewing Machine Model 199R-2A
12. TM-DGSC-3530-134 CONSEW Light Duty Sewing Machine Model 230RH-1
13. TM-DGSC-3530-136 CONSEW Medium Duty Sewing Machine Model 255RB-2/3

0451-MAIN-2623: Replace a Needle

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given tools, equipment and references.

STANDARD: Ensuring functionality.

PERFORMANCE STEPS:

1. Initiate maintenance management procedures.
2. Inspect needle.
3. Remove old needle.
4. Install new needle.
5. Test functionality.
6. Complete maintenance management procedures.

REFERENCES:

1. CHANDLER Sewing Machine Model CM19R-2A
 2. CONSEW Sewing Machine Model 206RB-5
 3. CONSEW Sewing Machine Model 207
 4. CONSEW Sewing Machine Model 333RB-2
 5. CONSEW Sewing Machine Model 7360R
 6. JUKI Model LU-1508NH
 7. LK-1900A Instruction Manual/Partlist
 8. PENNSEW Model 733R-5
 9. STAGER Zig Zag Sewing Machine Model 21-5-3N
 10. TAJIMA 1-1AU
 11. TM-DGSC-3530-133 CONSEW Zig Zag Sewing Machine Model 199R-2A
 12. TM-DGSC-3530-134 CONSEW Light Duty Sewing Machine Model 230RH-1
 13. TM-DGSC-3530-136 CONSEW Medium Duty Sewing Machine Model 255RB-2/3
-

0451-MAIN-2624: Adjust Timing

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given tools, equipment and references.

STANDARD: Ensuring functionality.

PERFORMANCE STEPS:

1. Initiate maintenance management procedures.
2. Time sewing hook.
3. Time feeding mechanism.
4. Time movement of needle bar frame.
5. Complete maintenance management procedures.

REFERENCES:

1. CHANDLER Sewing Machine Model CM19R-2A
2. CONSEW Sewing Machine Model 206RB-5

3. CONSEW Sewing Machine Model 207
4. CONSEW Sewing Machine Model 333RB-2
5. CONSEW Sewing Machine Model 7360R
6. JUKI Model LU-1508NH
7. LK-1900A Instruction Manual/Partlist
8. PENNSEW Model 733R-5
9. STAGER Zig Zag Sewing Machine Model 21-5-3N
10. TAJIMA 1-1AU
11. TM-DGSC-3530-133 CONSEW Zig Zag Sewing Machine Model 199R-2A
12. TM-DGSC-3530-134 CONSEW Light Duty Sewing Machine Model 230RH-1
13. TM-DGSC-3530-136 CONSEW Medium Duty Sewing Machine Model 255RB-2/3

0451-MAIN-2625: Replace Parts

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given tools, equipment and references.

STANDARD: Ensuring functionality.

PERFORMANCE STEPS:

1. Initiate maintenance management procedures.
2. Identify sewing machine.
3. Troubleshoot machine.
4. Replace part.
5. Perform quality control procedures.
6. Complete maintenance management procedures.

REFERENCES:

1. CHANDLER Sewing Machine Model CM19R-2A
2. CONSEW Sewing Machine Model 206RB-5
3. CONSEW Sewing Machine Model 207
4. CONSEW Sewing Machine Model 333RB-2
5. CONSEW Sewing Machine Model 7360R
6. JUKI Model LU-1508NH
7. LK-1900A Instruction Manual/Partlist
8. PENNSEW Model 733R-5
9. STAGER Zig Zag Sewing Machine Model 21-5-3N
10. TAJIMA 1-1AU
11. TM-DGSC-3530-133 CONSEW Zig Zag Sewing Machine Model 199R-2A
12. TM-DGSC-3530-134 CONSEW Light Duty Sewing Machine Model 230RH-1
13. TM-DGSC-3530-136 CONSEW Medium Duty Sewing Machine Model 255RB-2/3

0451-MAIN-2626: Adjust Needle to Shuttle Relation

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given tools, equipment and references.

STANDARD: Ensuring functionality.

PERFORMANCE STEPS:

1. Initiate maintenance management procedures.
2. Identify sewing machine.
3. Troubleshoot machine.
4. Perform adjustments.
5. Perform quality control procedures.
6. Initiate maintenance management procedures.

REFERENCES:

1. CHANDLER Sewing Machine Model CM19R-2A
2. CONSEW Sewing Machine Model 206RB-5
3. CONSEW Sewing Machine Model 207
4. CONSEW Sewing Machine Model 333RB-2
5. CONSEW Sewing Machine Model 7360R
6. JUKI Model LU-1508NH
7. LK-1900A Instruction Manual/Partlist
8. PENNSEW Model 733R-5
9. STAGER Zig Zag Sewing Machine Model 21-5-3N
10. TAJIMA 1-1AU
11. TM-DGSC-3530-133 CONSEW Zig Zag Sewing Machine Model 199R-2A
12. TM-DGSC-3530-134 CONSEW Light Duty Sewing Machine Model 230RH-1
13. TM-DGSC-3530-136 CONSEW Medium Duty Sewing Machine Model 255RB-2/3

0451-MAIN-2640: Repair Drive Mesh Panel

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given, tools, supplies, equipment, references, and an inspector.

STANDARD: Ensuring glide ratio meets manufacturer's specifications.

PERFORMANCE STEPS:

1. Initiate maintenance management procedures.
2. Lay out parachute.
3. Identify area for repair.
4. Identify required equipment.
5. Repair panel.
6. Perform quality control procedures.
7. Initiate maintenance management procedures.

REFERENCES:

1. TM 11083B-OI MC-7 Personnel Parachute System

SUPPORT REQUIREMENTS:

EQUIPMENT: The following sewing machines may be used:

- (1) Double Needle Sewing Machine
- (2) Light Duty Sewing Machine

0451-MAIN-2641: Replace Upper Control Line on Low-Level Static-Line Parachute

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given, tools, supplies, equipment, references, and an inspector.

STANDARD: Ensuring steerability meets manufacturers' specifications.

PERFORMANCE STEPS:

1. Initiate maintenance management procedures.
2. Lay out parachute.
3. Identify broken control line.
4. Identify required equipment.
5. Remove damaged control line.
6. Perform quality control procedures.
7. Complete maintenance management procedures.

REFERENCES:

1. TM 11083B-OI MC-7 Personnel Parachute System

SUPPORT REQUIREMENTS:

EQUIPMENT: The following sewing machine may be used: Medium Duty Zig Zag Sewing Machine.

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Replacement of Lower Control Line on Low-Level Static-Line Parachute is trained at the Parachute Riggers Course.

0451-MAIN-2642: Repair Low-Level Static-Line Container

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given, tools, supplies, equipment, references, and an inspector.

STANDARD: Ensuring container holds parachute.

PERFORMANCE STEPS:

1. Initiate maintenance management procedures.
2. Identify damaged area.
3. Identify required equipment.
4. Disconnect parachute from container.
5. Repair damaged area/item.
6. Perform quality control procedures.
7. Complete maintenance management procedures.

REFERENCES:

1. TM 11083B-OI MC-7 Personnel Parachute System

SUPPORT REQUIREMENTS:

EQUIPMENT: The following sewing machines may be used:

- (1) Light Duty Zig Zag Sewing Machine
 - (2) Medium Duty Zig Zag Sewing Machine
 - (3) Light Duty Straight Stitch Sewing Machine
 - (4) Medium Duty Straight Stitch Sewing Machine
 - (5) Double Needle Sewing Machine
-

0451-MAIN-2643: Repair Low-Level Static-Line Anti-Inversion Net

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given, tools, supplies, equipment, references, and an inspector.

STANDARD: Ensuring canopy does not invert during deployment sequence.

PERFORMANCE STEPS:

1. Initiate maintenance management procedures.
2. Identify damaged area.
3. Identify required equipment.
4. Repair damaged area.
5. Perform quality control procedures.
6. Complete maintenance management procedures.

REFERENCES:

1. TM 11083B-OI MC-7 Personnel Parachute System

SUPPORT REQUIREMENTS:

EQUIPMENT: The following sewing machines may be used:

- (1) Light Duty Zig Zag Sewing Machine
- (2) Medium Duty Zig Zag Sewing Machine
- (3) Light Duty Straight Stitch Sewing Machine

0451-MAIN-2644: Repair Low-Level Static-Line Waist Band

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given, tools, supplies, equipment, references, and an inspector.

STANDARD: Ensuring container is secured to parachutist.

PERFORMANCE STEPS:

1. Initiate maintenance management procedures.

2. Identify component.
3. Identify required equipment.
4. Remove damaged component.
5. Repair waist band/panel.
6. Perform quality control procedures.
7. Complete maintenance management procedures.

REFERENCES:

1. TM 11083B-OI MC-7 Personnel Parachute System

SUPPORT REQUIREMENTS:

EQUIPMENT: The following sewing machine may be used: Heavy Duty Straight Stitch Sewing Machine

0451-MAIN-2645: Modify Low-Level Static-Line Vent Loop

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given, tools, supplies, equipment, references, and an inspector.

STANDARD: Ensuring modification work order is completed.

PERFORMANCE STEPS:

1. Initiate maintenance management procedures.
2. Identify vent loop.
3. Identify required equipment.
4. Install new vent loop.
5. Perform quality control procedures.
6. Complete maintenance management procedures.

REFERENCES:

1. TM 11083B-OI MC-7 Personnel Parachute System

SUPPORT REQUIREMENTS:

EQUIPMENT: The following sewing machines may be used:

- (1) BARTACK Sewing Machine
 - (2) Light Duty Zig Zag Sewing Machine
 - (3) Medium Duty Zig Zag Sewing Machine
-

0451-MAIN-2646: Replace Pull-the-Dot Fastener

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given, tools, supplies, equipment, references, and an inspector.

STANDARD: Ensuring fastener functions.

PERFORMANCE STEPS:

1. Initiate maintenance management procedures.
2. Identify damaged fastener.
3. Identify required equipment.
4. Install new fastener.
5. Perform quality control procedures.
6. Complete maintenance management procedures.

REFERENCES:

1. TM 11083B-OI MC-7 Personnel Parachute System

SUPPORT REQUIREMENTS:

EQUIPMENT: Grommet Press

0451-MAIN-2647: Replace Retainer Band Keeper

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given, tools, supplies, equipment, references, and an inspector.

STANDARD: Ensuring static-line is secured.

PERFORMANCE STEPS:

1. Initiate maintenance management procedures.
2. Identify damaged keeper.
3. Identify required equipment.

4. Attach new keeper.
5. Perform quality control procedures.
6. Complete maintenance management procedures.

REFERENCES:

1. TM 11083B-OI MC-7 Personnel Parachute System

SUPPORT REQUIREMENTS:

EQUIPMENT: The following sewing machine may be used: Medium Duty Zig Zag Sewing Machine

0451-MAIN-2648: Replace Service Military Free Fall Control Line

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given, tools, supplies, equipment, references, and inspector.

STANDARD: Ensuring parachute maneuvers to manufacturers specifications.

PERFORMANCE STEPS:

1. Initiate maintenance management procedures.
2. Lay out parachute.
3. Identify broken control line(s).
4. Identify required equipment.
5. Repair control line(s).
6. Perform quality control procedures.
7. Complete maintenance management procedures.

REFERENCES:

1. TM 10443C-OI Tandem Offset Resupply Delivery System
2. TM 11168A-OI Multimission Parachute System

SUPPORT REQUIREMENTS:

EQUIPMENT: The following sewing machines may be used:

- (1) BARTACK Sewing Machine
 - (2) Medium Duty Zig Zag Double Needle Sewing Machine
-

0451-MAIN-2649: Repair Service Military Free Fall Container

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given, tools, supplies, equipment, references, and inspector.

STANDARD: Ensuring container holds parachute.

PERFORMANCE STEPS:

1. Initiate maintenance management procedures.
2. Identify damaged area/item.
3. Identify required equipment.
4. Repair damaged area/item.
5. Perform quality control procedures.
6. Complete maintenance management procedures.

REFERENCES:

1. TM 10443C-OI Tandem Offset Resupply Delivery System
 2. TM 11168A-OI Multimission Parachute System
-

0451-MAIN-2650: Repair Main Parachute Deployment Bag

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given, tools, supplies, equipment, references, and an inspector.

STANDARD: Ensuring no part of canopy is exposed and canopy is held inside bag.

PERFORMANCE STEPS:

1. Initiate maintenance management procedures.
2. Identify damaged area/item.
3. Identify required equipment.
4. Repair damaged area/item.
5. Perform quality control procedures.
6. Complete maintenance management procedures.

REFERENCES:

1. TM 10443C-OI Tandem Offset Resupply Delivery System
2. TM 11168A-OI Multimission Parachute System

0451-MAIN-2651: Repair Service Military Free Fall Canopy Seam

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given, tools, supplies, equipment, references, and an inspector.

STANDARD: Ensuring parachute maneuvers to manufacturers specifications.

PERFORMANCE STEPS:

1. Initiate maintenance management procedures.
2. Lay out canopy.
3. Determine type of stitch damage.
4. Repair damaged area, as required.
5. Perform quality control procedures.
6. Complete maintenance management procedures.

REFERENCES:

1. TM 10443C-OI Tandem Offset Resupply Delivery System
2. TM 11168A-OI Multimission Parachute System

SUPPORT REQUIREMENTS:

EQUIPMENT: The following sewing machine may be used: Light Duty Straight
Stitch Sewing Machine

0451-MAIN-2652: Repair Service Military Free Fall Internal Rib

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given, tools, supplies, equipment, references, and an inspector.

STANDARD: Ensuring parachute maneuvers to manufacturers specifications.

PERFORMANCE STEPS:

1. Initiate maintenance management procedures.
2. Lay out canopy.
3. Determine type of rib damage.
4. Repair damaged area.
5. Perform quality control procedures.
6. Complete maintenance management procedures.

REFERENCES:

1. TM 10443C-OI Tandem Offset Resupply Delivery System
2. TM 11168A-OI Multimission Parachute System

SUPPORT REQUIREMENTS:

EQUIPMENT: The following sewing machine may be used: Light Duty Straight
Stitch Sewing Machine

0451-MAIN-2653: Install Service Military Free Fall Drogue Kill Line

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given, tools, supplies, equipment, references, and an inspector.

STANDARD: Ensuring drogue system deployment.

PERFORMANCE STEPS:

1. Initiate maintenance management procedures.
2. Disconnect drogue from canopy.
3. Remove kill line from drogue system.
4. Install new kill line to drogue system.
5. Reattach drogue to canopy.
6. Perform quality control procedures.
7. Complete maintenance management procedures.

REFERENCES:

1. TM 10443C-OI Tandem Offset Resupply Delivery System
2. TM 11168A-OI Multimission Parachute System

SUPPORT REQUIREMENTS:

EQUIPMENT: The following sewing machines may be used:
(1) BARTACK Sewing Machine
(2) Industrial Sewing Machine

0451-MAIN-2654: Replace Zipper on Parachute Ancillary Equipment

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given, tools, supplies, equipment, references, and an inspector.

STANDARD: Ensuring parachute performs to manufacturers' specifications.

PERFORMANCE STEPS:

1. Initiate maintenance management procedures.
2. Inspect zipper for serviceability.
3. Remove damaged zipper.
4. Replace damaged zipper.
5. Perform quality control procedures.
6. Complete maintenance management procedures.

REFERENCES:

1. MCWP 3-15.7 Static-Line Parachuting Techniques and Training
2. TM 10-1670-201-23/T General Maintenance of Parachute and other Airdrop Equipment
3. TM 10443C-OI Tandem Offset Resupply Delivery System
4. TM 11168A-OI Multimission Parachute System
5. TM 70244A-OI USMC Freefall Ops & Techniques

SUPPORT REQUIREMENTS:

EQUIPMENT: The following sewing machines may be used:
(1) Light Duty Straight Stitch Sewing Machine
(2) Medium Duty Straight Stitch Sewing Machine

0451-OPS-2701: Support an intentional water jump

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 24 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Given an aircraft, personnel parachute, equipment wash tubs and drying tower.

STANDARD: Ensure recovery, accountability, and maintenance of all equipment exposed to water.

PERFORMANCE STEPS:

1. Identify equipment.
2. Prepare equipment.
3. Inspect equipment.
4. Support the conduct of the operation.
5. Recover parachutes.
6. Recover equipment.
7. Perform required maintenance.

REFERENCES:

1. TM 10-1670-275-23 & P 12 Foot High Velocity Parachute
2. TM 10-1670-276-23 & P 26 Foot High Velocity Parachute
3. TM 10-1670-277-23&P Parachute, Cargo, Extraction, Heavy Duty, 15-FT
4. TM 10-1670-278-23&P Parachute, Cargo, Extraction, Heavy Duty, 28-FT
5. TM 10-1670-279-23&P Parachute, Cargo, Extraction, Heavy Duty, 22-FT
6. TM 10-1670-280-23&P 100-foot Diameter G-11B Cargo Parachute
7. TM 10-1670-281-23 & P 64-Foot Diameter G-12 D/E Cargo Parachute
8. TM 10-1670-282-23 & P 34 Foot Diameter G-14 Cargo Parachute
9. TM 10443B-12 Military Tandem Tethered Bundle (MTTB)
10. TM 10443C-OI Tandem Offset Resupply Delivery System
11. TM 11083B-OI MC-7 Personnel Parachute System
12. TM 11168A-OI Multimission Parachute System

0451-OPS-2702: Perform the duties of a Static-Line Jumpmaster

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 0405, 0451

BILLETS: Jumpmaster

GRADES: CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT, 2NDLT, 1STLT, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an airborne mission and all required assets.

STANDARD: To ensure mission accomplishment.

PERFORMANCE STEPS:

1. Perform administrative duties.
2. Conduct Jumpmaster duties at the unit area.
3. Conduct Jumpmaster duties at the departure airfield.
4. Conduct Jumpmaster duties in flight.
5. Conduct Jumpmaster duties on the drop zone.
6. Complete post-jump operations.

REFERENCES:

1. FM 3-21.220 (FM 57-220) Static Line Parachuting Techniques and Training

MISCELLANEOUS:

SPECIAL PERSONNEL CERTS: This is taught at CID A0371M1 Static-Line Jump Master Course, Fort Benning, Georgia.

0451-OPS-2703: Perform the duties of Military Free-Fall (MFF) Jumpmaster

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 0405, 0451

BILLETS: MFF Jumpmaster

GRADES: CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT, 2NDLT, 1STLT, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an airborne mission and all required assets.

STANDARD: To ensure mission accomplishment.

PERFORMANCE STEPS:

1. Perform administrative duties.
2. Conduct Jumpmaster duties at the unit area.
3. Conduct Jumpmaster duties at the departure field.
4. Conduct Jumpmaster duties in flight.
5. Conduct Jumpmaster duties on the drop zone.
6. Complete post-jump operations.

REFERENCES:

1. FM 31-19 Military Free-fall Parachuting Tactics, Techniques, and Procedures
2. TM 70244A-OI USMC Freefall Ops & Techniques

MISCELLANEOUS:

SPECIAL PERSONNEL CERTS: This is taught at CID A0571P1 Military Free-Fall Jump Master Course, Yuma, Arizona.

0451-OPS-2704: Conduct airborne operations in a hand deployed pilot chute configuration

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 0405, 0451

GRADES: CPL, SGT, SSGT, GYSGT, MSGT, 2NDLT, 1STLT, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a military free fall mission, a Multi-Mission Parachute System, and an aircraft.

STANDARD: By deploying the pilot chute within +/- 250 feet of a designated altitude and landing safely on the ground.

PERFORMANCE STEPS:

1. Prepare individual equipment.
2. Attend jump brief.
3. Perform pre-jump training.
4. Don equipment.
5. Stand jumpmaster personnel inspection.
6. Board aircraft.
7. Respond to aircraft procedure signals.
8. Execute in-flight emergency procedures, as required.
9. Respond to jump commands.
10. Exit aircraft.
11. Execute free fall procedures.
12. Execute free fall emergency procedures, as required.
13. Wave off at 1,000 feet above deployment altitude.
14. Deploy pilot chute.
15. Execute post opening procedures.
16. Execute post opening emergency procedures, as required.
17. Establish flight pattern.
18. Establish a landing pattern.
19. Land.
20. Conduct emergency landing procedures, as required.
21. Execute post landing procedures.
22. Conduct link up procedures.

REFERENCES:

1. TM 70244A-OI USMC Freefall Ops & Techniques

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA: Facility Code 17440 Personnel/Equipment Drop Zone.

AIRCRAFT: Any aircraft capable of inserting parachutists.

MISCELLANEOUS:

SPECIAL PERSONNEL CERTS: This is taught at CID M50KLD1 Multi-Mission

Parachute System Course, Coolidge, Arizona.

0451-OPS-2705: Conduct airborne operations in a self-set drogue configuration

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 0405, 0451

GRADES: CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT, 2NDLT, 1STLT, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a military free fall mission, a Multi-Mission Parachute System, and an aircraft, while wearing a combat fighting load.

STANDARD: By setting the drogue within +/- 250 feet of a designated altitude and landing safely on the ground.

PERFORMANCE STEPS:

1. Prepare individual equipment.
2. Attend jump brief.
3. Perform pre-jump training.
4. Don equipment.
5. Stand jumpmaster personnel inspection.
6. Board aircraft.
7. Respond to aircraft procedure signals.
8. Execute in-flight emergency procedures, as required.
9. Respond to jump commands.
10. Exit the aircraft.
11. Execute a systems check.
12. Execute drogue fall procedures.
13. Execute drogue fall emergency procedures, as required.
14. Release drogue at designated altitude.
15. Execute post opening procedures.
16. Execute post opening emergency procedures, as required.
17. Establish a flight pattern.
18. Establish a landing pattern.
19. Land.
20. Conduct emergency landing procedures.
21. Execute post landing procedures.
22. Conduct link up procedures.

REFERENCES:

1. TM 70244A-OI USMC Freefall Ops & Techniques

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA: Facility Code 17440 Personnel/Equipment Drop Zone.

AIRCRAFT: Any aircraft capable of inserting parachutists.

MISCELLANEOUS:

SPECIAL PERSONNEL CERTS: This is taught at CID M50KLD1 Multi-Mission Parachute System Course, Coolidge, Arizona.

0451-OPS-2706: Conduct airborne operations in a static-line drogue configuration

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 0405, 0451

GRADES: CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT, 2NDLT, 1STLT, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a military free fall mission, a Multi-Mission Parachute System, and an aircraft, while wearing a combat fighting load.

STANDARD: By exiting the aircraft in a modified dive position with straight legs and landing safely on the ground.

PERFORMANCE STEPS:

1. Prepare individual equipment.
2. Attend jump brief.
3. Perform pre-jump training.
4. Don equipment.
5. Stand jumpmaster personnel inspection.
6. Board aircraft.
7. Respond to aircraft procedure signals.
8. Execute in-flight emergency procedures, as required.
9. Respond to jump commands.
10. Exit the aircraft.
11. Execute exit emergency procedures, as required.
12. Execute a systems check.
13. Execute drogue fall procedures.
14. Execute drogue fall emergency procedures, as required.
15. Release drogue at designated altitude.
16. Execute post opening procedures.
17. Execute post opening emergency procedures, as required.
18. Establish a flight pattern.
19. Establish a landing pattern.
20. Land.
21. Conduct emergency landing procedures, as required.
22. Execute post landing procedures.
23. Conduct link up procedures.

REFERENCES:

1. TM 70244A-OI USMC Freefall Ops & Techniques

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA: Facility Code 17440 Personnel/Equipment Drop Zone.

AIRCRAFT: Any aircraft capable of inserting parachutists.

MISCELLANEOUS:

SPECIAL PERSONNEL CERTS: This is taught at CID M50KLD1 Multi-Mission Parachute System Course, Coolidge, Arizona.

0451-OPS-2707: Conduct airborne operations in a double bag static-line configuration

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 0405, 0451

GRADES: CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT, 2NDLT, 1STLT, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a High Altitude High Opening (HAHO) mission, a Multi-Mission Parachute System, and an aircraft, while wearing a combat fighting load.

STANDARD: Exiting the aircraft in a seated position presenting the pack tray to the relative wind and landing safely on the ground.

PERFORMANCE STEPS:

1. Prepare individual equipment.
2. Attend jump brief.
3. Perform pre-jump training.
4. Don equipment.
5. Stand jumpmaster personnel inspection.
6. Board aircraft.
7. Respond to aircraft procedure signals.
8. Execute in-flight emergency procedures, as required.
9. Respond to jump commands.
10. Exit the aircraft.
11. Execute exit emergency procedures, as required.
12. Execute post opening procedures.
13. Execute post opening emergency procedures, as required.
14. Establish flight pattern.
15. Establish landing pattern.
16. Land.
17. Conduct emergency landing procedures, as required.
18. Execute post landing procedures.
19. Conduct link up procedures.

REFERENCES:

1. TM 70244A-OI USMC Freefall Ops & Techniques

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA: Facility Code 17440 Personnel/Equipment Drop Zone

AIRCRAFT: Any aircraft capable of inserting parachutists.

MISCELLANEOUS:

SPECIAL PERSONNEL CERTS: This is taught at CID M50KLD1 Multi-Mission Parachute System Course, Coolidge, Arizona.

0451-OPS-2708: Conduct airborne operations with the High Glide (HG) 380 Canopy

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 0405, 0451

GRADES: CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT, 2NDLT, 1STLT, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a High Altitude High Opening (HAHO) mission, a Multi-Mission Parachute System, combat equipment and an aircraft.

STANDARD: By deploying the parachute within +/- 250 feet of a designated altitude and landing safely on the ground.

PERFORMANCE STEPS:

1. Prepare individual equipment.
2. Attend jump brief.
3. Perform pre-jump training.
4. Don equipment.
5. Stand jumpmaster personnel inspection.
6. Board aircraft.
7. Respond to aircraft procedure signals.
8. Execute in-flight emergency procedures, as required.
9. Respond to jump commands.
10. Exit aircraft.
11. Execute a systems check.
12. Execute drogue fall procedures.
13. Execute drogue fall emergency procedures, as required.
14. Deploy parachute.
15. Execute post opening procedures.
16. Execute post opening fall emergency procedures, as required.
17. Establish a flight pattern.
18. Establish landing pattern.
19. Land.
20. Conduct emergency landing procedures, as required.
21. Execute post landing procedures.
22. Conduct link up procedures.

REFERENCES:

1. TM 70244A-OI USMC Freefall Ops & Techniques

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA: Facility Code 17440 Personnel/Equipment Drop Zone.

AIRCRAFT: Any aircraft capable of inserting parachutists.

MISCELLANEOUS:

SPECIAL PERSONNEL CERTS: Current certification resides with Airborne Mobile Training Team (TECOM).

0451-OPS-2709: Perform the duties of Drop Zone Safety Officer (DZSO)

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 0405, 0451

BILLETS: Drop Zone Safety Officer

GRADES: CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT, 2NDLT, 1STLT, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given required support, equipment and references.

STANDARD: To ensure mission accomplishment.

PERFORMANCE STEPS:

1. Validate Drop Zone.
2. Assist Primary Jumpmaster, as directed.
3. Inspect equipment.
4. Inspect drop zone.
5. Establish drop zone.
6. Maintain positive communication, as required.
7. Account for personnel.
8. Account for all equipment.
9. Secure drop zone.
10. Attend de-brief, as required.
11. Complete administrative requirements.

REFERENCES:

1. FM 3-21.220 (FM 57-220) Static Line Parachuting Techniques and Training
2. FM 31-19 Military Free-fall Parachuting Tactics, Techniques, and Procedures
3. MCO 13480.1 Joint Airdrop Inspection Records, Malfunction Investigation & Activity Reports

MISCELLANEOUS:

SPECIAL PERSONNEL CERTS: This is taught at CID A0371M1 Static-Line Jump Master Course, Fort Benning, Georgia.

0451-OPS-2710: Perform the duties of Malfunction Officer

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 0451

BILLETS: Malfunction Officer

GRADES: CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Given equipment administrative supplies and references.

STANDARD: To ensure the investigative process is accomplished.

PERFORMANCE STEPS:

1. Attend drop zone safety brief.
2. Inspect required materials.
3. Inspect administrative supplies, as required.
4. Observe jump operations.
5. Conduct an on-site investigation, as required.
6. Take photographs, as required.
7. Document findings, as required.
8. Complete administrative requirements.
9. Submit findings to appropriate agency, as required.

REFERENCES:

1. FM 3-21.220 (FM 57-220) Static Line Parachuting Techniques and Training
 2. FM 31-19 Military Free-fall Parachuting Tactics, Techniques, and Procedures
 3. MCO 13480.1 Joint Airdrop Inspection Records, Malfunction Investigation & Activity Reports
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0451-OPS-2711: Configure an aircraft for parachute operation

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Airdrop Load Inspector (Joint Airdrop Inspector)

GRADES: CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Given tools, equipment expendable materials and references.

STANDARD: To ensure rigging meets mission requirements.

PERFORMANCE STEPS:

1. Identify type of aircraft.
2. Rig aircraft.
3. Inspect rigging.

REFERENCES:

1. FM 3-21.220 (FM 57-220) Static Line Parachuting Techniques and Training
 2. FM 31-19 Military Free-fall Parachuting Tactics, Techniques, and Procedures
 3. TM 70244A-OI USMC Freefall Ops & Techniques
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0451-OPS-2714: Support airborne operations with Tandem Offset Resupply Delivery System Equipment (TORDS-E)

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Airdrop Load Inspector (Joint Airdrop Inspector)

GRADES: PVT, PFC, LCPL, CPL

INITIAL TRAINING SETTING: MOJT

CONDITION: Given a military freefall mission, a Tandem Offset Resupply Delivery System- Equipment and an aircraft.

STANDARD: Ensure Tandem Offset Resupply Delivery System-Equipment is configured and rigged properly for airdrop.

PERFORMANCE STEPS:

1. Inspect Tandem Offset Resupply Delivery System-Equipment (TORDS-E)
2. Rig barrel for airdrop.
3. Inspect Military Tandem Tethered Bundle (MTTB).
4. Configure the aircraft for MTTB operations.
5. Load MTTB on the aircraft.

REFERENCES:

1. TM 10443A-12A&P Tandem Offset Resupply Delivery System (TORDS)
2. TM 10443C-OI Tandem Offset Resupply Delivery System
3. TM 70244A-OI USMC Freefall Ops & Techniques

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA: Facility Code 17440 Personnel/Equipment Drop Zone

AIRCRAFT: Any aircraft capable of inserting parachutists.

0451-OPS-2715: Support airborne operations with Tandem Offset Resupply Delivery System-Personnel (TORDS-P)

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Airdrop Load Inspector (Joint Airdrop Inspector)

GRADES: CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Given a military freefall mission, a Tandem Offset Resupply Delivery System-Personnel, and an aircraft.

STANDARD: Ensure Tandem Offset resupply Delivery System-Personnel is configured properly for airdrop.

PERFORMANCE STEPS:

1. Inspect Tandem Offset Resupply Delivery System- Equipment (TORDS-P)
2. Inspect Military Tandem Tethered Bundle (MTTB).
3. Configure the aircraft for MTTB operations.
4. Load MTTB on the aircraft.

REFERENCES:

1. TM 10443A-12A&P Tandem Offset Resupply Delivery System (TORDS)
2. TM 10443C-OI Tandem Offset Resupply Delivery System
3. TM 70244A-OI USMC Freefall Ops & Techniques

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA: Facility Code 17440 Personnel/Equipment Drop Zone

AIRCRAFT: Any aircraft capable of inserting parachutists.

0451-OPS-2717: Conduct a Joint Airdrop Inspection (JAI)

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 0451

BILLETS: Airdrop Load Inspector (Joint Airdrop Inspector)

GRADES: CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a rigged load, applicable administrative supplies, tools, materials and references.

STANDARD: To ensure all discrepancies are identified and corrected, prior to an airdrop.

PERFORMANCE STEPS:

1. Perform transported force inspection.
2. Identify discrepancies, as required.
3. Validate discrepancies were corrected, as required.
4. Complete administrative requirements.
5. Perform after load inspection.
6. Identify discrepancies, as required.
7. Validate discrepancies were corrected, as required.
8. Complete administrative requirements.

REFERENCES:

1. CFR 49 Parts 100-185 Code of Federal Regulations - Transportation
2. MCO 13480.1 Joint Airdrop Inspection Records, Malfunction Investigation & Activity Reports
3. MCO P4030.19_ Preparing Hazardous Materials for Military Air Shipments

MISCELLANEOUS:

SPECIAL PERSONNEL CERTS: Requires Airdrop Load Inspectors Certification Course (CID: A143211) provided at Fort Lee, Virginia.

0451-OPS-2718: Deliver supplies utilizing the JPADS

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 3 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given required support equipment aircraft, tools, expendables, and references.

STANDARD: To ensure precision aerial delivery is accomplished.

PERFORMANCE STEPS:

1. Perform Transported Force Inspection.
2. Transport Load.
3. Inspect aircraft.
4. Load aircraft.
5. Rig aircraft.
6. Perform Joint Airdrop Inspection (JAI).
7. Conduct airdrop.

REFERENCES:

1. FM 4-20.103 Rigging Containers
 2. TM 10-1670-334-13&P Joint Precision Air Drop System 2K, Modular (JPADS 2K-M)
 3. TM 10-1670-XXX-13 & P 10K Joint Precision Airdrop System (JPADS)
 4. TM 10-1670-XXX-13 & P Ultra Light Weight Joint Precision Airdrop System (JPADS)
 5. TM 70244A-OI USMC Freefall Ops & Techniques
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0451-OPS-2719: Prepare Supplies/Equipment for an External Sling Load

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 24 months

MOS PERFORMING: 0451, 0481

BILLETS: Landing Support Specialist, Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an aircraft and resupply mission.

STANDARD: To ensure attachment of supplies to aircraft for delivery.

PERFORMANCE STEPS:

1. Identify equipment.
2. Prepare equipment for sling load.
3. Inspect load.
4. Attach load to aircraft.

REFERENCES:

1. MCRP 4-11.3E Multi-service Helicopter Sling Load: Vols I, II and III

MISCELLANEOUS:

SPECIAL PERSONNEL CERTS: Requires Sling Load Inspectors Certification Course (SLICC) provided at Fort Lee, Virginia.

0451-OPS-2720: Conduct Initial and Terminal Guidance

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 24 months

MOS PERFORMING: 0451, 0481

BILLETS: Landing Support Specialist, Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an aircraft and resupply mission.

STANDARD: To ensure attachment of supplies/equipment for delivery.

PERFORMANCE STEPS:

1. Identify landing/drop zone.
2. Inspect and prepare the zone.
3. Direct aircraft into the zone.

REFERENCES:

1. MCRP 4-11.3E/FMFRP 5-31 Vol 1 Multi-Service Helicopter Sling Load: Basic Ops and Equipment

MISCELLANEOUS:

SPECIAL PERSONNEL CERTS: Requires Sling Load Inspectors Certification Course (SLICC) provided at Fort Lee, Virginia.

0451-OPS-2721: Receive Supplies/Equipment

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 24 months

MOS PERFORMING: 0451, 0481

BILLETS: Landing Support Specialist, Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an aircraft with a sling load.

STANDARD: To ensure delivery.

PERFORMANCE STEPS:

1. Identify landing/drop zone.
2. Inspect and prepare the zone.
3. Direct aircraft into the zone.
4. Receive supplies/equipment.

REFERENCES:

1. MCRP 4-11.3E/FMFRP 5-31 Vol 1 Multi-Service Helicopter Sling Load: Basic Ops and Equipment

MISCELLANEOUS:

SPECIAL PERSONNEL CERTS: Requires Sling Load Inspectors Certification Course (SLICC) provided at Fort Lee, Virginia.

0451-OPS-2722: Perform mission planning

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Joint Aircraft Inspector, MFF Jump Master

GRADES: SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a mission requirement.

STANDARD: Developing launch acceptability region (LAR) data in accordance with Mission Planner manual.

PERFORMANCE STEPS:

1. Enter data.
2. Upload data to Autonomous Guidance Unit (AGU).
3. Verify data.

REFERENCES:

1. Portable Flight Planning System (PFPS) 4.2 Student Exercise Manual
2. FM 4-20.103 Rigging Containers
3. TM 10-1670-328-13&P Joint Precision Air Drop System 2K, Modular (JPADS 2K-M)
4. TM 10-1670-330-13&P 10K Joint Precision Airdrop System (JPADS)
5. TM 70244A-OI USMC Freefall Operations & Techniques
6. Applicable technical references

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Corporals may attend formal training if performing or slated to perform the billet of joint aircraft inspector or military freefall jump master.

0451-PACK-2001: Supervise the operations of a light-pack activity

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0405, 0451

BILLETS: Air Delivery Officer, Light Pack NCOIC

GRADES: SGT, SSGT, GYSGT, MSGT, 2NDLT, 1STLT, CAPT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given personnel, materials, tools, administrative supplies, packing tables or floor space automated system and references.

STANDARD: Ensuring the serviceability of parachute packing equipment is maintained, packing of parachutes is performed correctly, and all administrative requirements are performed.

PERFORMANCE STEPS:

1. Validate individual training records (ITRs).
2. Validate equipment record jackets.
3. Manage and control access to Ready for Issue (RFI) room.
4. Validate logistics automated information system (AIS) transactions.
5. Validate asset availability.

REFERENCES:

1. FM 10-400 QM Airdrop & Airdrop Equipment Support Unit
2. TM 10-1670-201-23/T General Maintenance of Parachute and other Airdrop Equipment
3. TM 10443B-12 Military Tandem Tethered Bundle (MTTB)
4. TM 10443C-OI Tandem Offset Resupply Delivery System
5. TM 11083B-OI MC-7 Personnel Parachute System
6. TM 11168A-OI Multimission Parachute System

MISCELLANEOUS:

SPECIAL PERSONNEL CERTS: This is taught at CID A14L894 Career-Level Airborne and Air Delivery Specialist Course, Fort Lee, Virginia.

0451-PACK-2002: Perform a pack-in-process inspection

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 0451

BILLETS: Pack-in Process Inspector

GRADES: CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Given a parachute packer, equipment material tools, packing tables, floor space and references.

STANDARD: To ensure all packing procedures are followed.

PERFORMANCE STEPS:

1. Validate packing procedures.
2. Correct any packing discrepancies.
3. Process all deficient items for maintenance.
4. Ensure all administrative requirements are met.

REFERENCES:

1. TM 10-1670-201-23/T General Maintenance of Parachute and other Airdrop Equipment

2. TM 10-1670-275-23 & P 12 Foot High Velocity Parachute
3. TM 10-1670-276-23 & P 26 Foot High Velocity Parachute
4. TM 10-1670-277-23&P Parachute, Cargo, Extraction, Heavy Duty, 15-FT
5. TM 10-1670-278-23&P Parachute, Cargo, Extraction, Heavy Duty, 28-FT
6. TM 10-1670-279-23&P Parachute, Cargo, Extraction, Heavy Duty, 22-FT
7. TM 10-1670-280-23&P 100-foot Diameter G-11B Cargo Parachute
8. TM 10-1670-281-23 & P 64-Foot Diameter G-12 D/E Cargo Parachute
9. TM 10-1670-282-23 & P 34 Foot Diameter G-14 Cargo Parachute
10. TM 10-1670-334-13&P Joint Precision Air Drop System 2K, Modular (JPADS 2K-M)
11. TM 10-1670-XXX-13 & P 10K Joint Precision Airdrop System (JPADS)
12. TM 10-1670-XXX-13 & P Ultra Light Weight Joint Precision Airdrop System (JPADS)
13. TM 10443B-12 Military Tandem Tethered Bundle (MTTB)
14. TM 10443C-OI Tandem Offset Resupply Delivery System
15. TM 11083B-OI MC-7 Personnel Parachute System
16. TM 11168A-OI Multimission Parachute System

0451-PACK-2003: Pack an MTTB reserve parachute

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given tools, expendable material, packing tables, floor space and references.

STANDARD: Ensuring deployment of parachute.

PERFORMANCE STEPS:

1. Initiate maintenance management process.
2. Inspect the system.
3. Place the canopy in pack layout.
4. Conduct a line continuity check.
5. Fold gores.
6. Fold canopy.
7. Stow canopy in deployment bag.
8. Close container.
9. Complete administrative requirements.
10. Complete maintenance management process.

REFERENCES:

1. TM 10443B-12 Military Tandem Tethered Bundle (MTTB)
2. TM 10443C-OI Tandem Offset Resupply Delivery System
3. TM 11019-12A&P Cybernetic Parachute Release System

MISCELLANEOUS:

SPECIAL PERSONNEL CERTS: Requires Tandem RAM Air Pack qualification taught via AMTT (TECOM). Current certification resides with MARCORSYSCOM - new equipment training team (NETT).

0451-PACK-2004: Pack an MTVS main parachute

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given tools, equipment floor space pack frame, expendable materials and references.

STANDARD: To ensure deployment of parachute.

PERFORMANCE STEPS:

1. Initiate Maintenance Management Process.
2. Inspect the system.
3. Place the canopy in pack layout.
4. Conduct a line continuity check.
5. Set deployment brakes.
6. Complete Rigger check #1.
7. Start folding the canopy.
8. Complete Rigger check #2.
9. Continue folding the canopy.
10. Complete Rigger check #3.
11. S-Fold canopy.
12. Complete Rigger check #4.
13. Stow remaining suspension lines.
14. Complete Rigger check #5.
15. Close the container according to the self-set drogue configuration.
16. Complete Rigger check #6.
17. Stow drogue chute.
18. Complete Rigger check #7.
19. Complete administrative requirements.
20. Complete maintenance management process.

REFERENCES:

1. TM 10443B-12 Military Tandem Tethered Bundle (MTTB)
2. TM 10443C-OI Tandem Offset Resupply Delivery System
3. TM 11019-12A&P Cybernetic Parachute Release System

MISCELLANEOUS:

SPECIAL PERSONNEL CERTS: Requires Tandem RAM Air Pack qualification taught via AMTT (TECOM). Current certification resides with MARCORSYSCOM- New Equipment Training Team (NETT).

0451-PACK-2005: Pack an MTVS reserve parachute

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given tools, equipment, expendable materials, floor space, and references.

STANDARD: To ensure deployment of parachute.

PERFORMANCE STEPS:

1. Initiate maintenance management process.
2. Inspect the system.
3. Place the canopy in pack layout.
4. Conduct a line continuity check.
5. Set deployment brakes.
6. Complete Rigger check #1
7. Start folding the canopy.
8. Complete Rigger check #2.
9. Continue folding the canopy.
10. Complete Rigger check #3.
11. S-Fold canopy and complete 4 locking stows.
12. Complete Rigger check #4.
13. Stow remaining suspension lines.
14. Complete Rigger check #5.
15. Place deployment bag in container.
16. Close number 1 flap.
17. Complete Rigger check #6.
18. Continue closing container.
19. Secure red skyhook lanyard.
20. Complete Rigger check #7.
21. Stow bridle and pilot chute.
22. Complete Rigger check #8.
23. Finish closing container.
24. Complete Rigger check #9.
25. Perform pin pull test.
26. Complete Rigger check #10.
27. Complete administrative requirements.
28. Complete Rigger check #11.
29. Complete administrative requirements.

30. Complete maintenance management process.

REFERENCES:

1. TM 10443B-12 Military Tandem Tethered Bundle (MTTB)
2. TM 10443C-OI Tandem Offset Resupply Delivery System
3. TM 11019-12A&P Cybernetic Parachute Release System

MISCELLANEOUS:

SPECIAL PERSONNEL CERTS: Requires Tandem RAM Air Pack qualification taught via AMTT (TECOM). Current certification resides with MARCORSYSCOM- New Equipment Training Team (NETT).

0451-PACK-2006: Pack a 68 inch diameter pilot parachute

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Given tools, expendable material packing tables or floor space and references.

STANDARD: To ensure deployment of parachute.

PERFORMANCE STEPS:

1. Initiate Maintenance Management Process.
2. Inspect parachute.
3. Place the canopy in pack layout.
4. Conduct a line continuity check.
5. Complete Rigger check #1.
6. Complete canopy flat fold.
7. Complete Rigger check #2.
8. Complete long fold.
9. Complete Rigger check #3.
10. Complete stowage of canopy.
11. Complete Rigger check #4.
12. Complete suspension line stow.
13. Complete Rigger check #5.
14. Complete closure of deployment bag.
15. Complete Rigger check #6.
16. Label parachute configuration.
17. Complete administrative requirements.
18. Complete maintenance management process.

REFERENCES:

1. FM 4-20.103 Rigging Containers
 2. TM 10-1670-281-23 & P 64-Foot Diameter G-12 D/E Cargo Parachute
-

0451-PACK-2007: Place a cargo parachute into service

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 18 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Given tools, equipment expendable material packing tables or floor space and references.

STANDARD: To ensure components are assembled.

PERFORMANCE STEPS:

1. Initiate maintenance management process.
2. Identify parachute type.
3. Inspect parachute components.
4. Assemble parachute.
5. Complete inspection.
6. Perform administrative requirements.
7. Complete maintenance management process.

REFERENCES:

1. TM 10-1670-201-23/T General Maintenance of Parachute and other Airdrop Equipment
 2. TM 10-1670-269-23 & P Parachute, Personnel Type 24 Ft Diameter, Troop, Chest, Reserve
 3. TM 10-1670-275-23 & P 12 Foot High Velocity Parachute
 4. TM 10-1670-276-23 & P 26 Foot High Velocity Parachute
 5. TM 10-1670-277-23&P Parachute, Cargo, Extraction, Heavy Duty, 15-FT
 6. TM 10-1670-278-23&P Parachute, Cargo, Extraction, Heavy Duty, 28-FT
 7. TM 10-1670-279-23&P Parachute, Cargo, Extraction, Heavy Duty, 22-FT
 8. TM 10-1670-280-23&P 100-foot Diameter G-11B Cargo Parachute
 9. TM 10-1670-281-23 & P 64-Foot Diameter G-12 D/E Cargo Parachute
 10. TM 10-1670-282-23 & P 34 Foot Diameter G-14 Cargo Parachute
-

0451-PACK-2008: Pack a 12 foot high velocity cargo parachute

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Given tools, equipment expendable material packing tables or floor space and references.

STANDARD: To ensure deployment.

PERFORMANCE STEPS:

1. Initiate Maintenance Management Process.
2. Inspect the parachute.
3. Place the canopy in pack layout.
4. Complete Rigger check #1.
5. Complete canopy flat fold.
6. Complete Rigger check #2.
7. Complete long fold.
8. Complete Rigger check #3.
9. Complete stowage of canopy.
10. Complete Rigger check #4.
11. Complete first suspension line stow.
12. Complete Rigger check #5.
13. Complete closure of deployment bag.
14. Complete Rigger check #6.
15. Label parachute configuration.
16. Complete administrative requirements.
17. Complete maintenance management process.

REFERENCES:

1. TM 10-1670-275-23 & P 12 Foot High Velocity Parachute
-

0451-PACK-2009: Pack a High Glide parachute

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given tools, expendable material pack frame and references.

STANDARD: To ensure deployment.

PERFORMANCE STEPS:

1. Initiate Maintenance Management Process.

2. Place canopy in service.
3. Place the canopy in pack layout.
4. Conduct a line continuity check.
5. Set deployment brakes.
6. Complete Rigger check #1.
7. Start folding the canopy.
8. Complete Rigger check #2.
9. Continue folding the canopy.
10. Complete Rigger check #3.
11. S-Fold canopy.
12. Complete Rigger check #4.
13. Stow remaining suspension lines.
14. Complete Rigger check #5.
15. Close the container according to the hand deployed pilot chute configuration.
16. Complete Rigger check #6.
17. Stow pilot chute.
18. Complete Rigger check #7.
19. Complete administrative requirements.
20. Complete maintenance management process.

REFERENCES:

1. TM 11168A-OI Multimission Parachute System

MISCELLANEOUS:

SPECIAL PERSONNEL CERTS: Requires Tandem RAM Air Pack qualification taught via AMTT (TECOM). Current certification resides with MARCORSYSCOM - New Equipment Training Team (NETT).

0451-PACK-2010: Place a personnel parachute system into service

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 18 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Given tools, equipment expendable material packing tables or floor space and references.

STANDARD: To ensure equipment is assembled.

PERFORMANCE STEPS:

1. Initiate Maintenance Management Process.
2. Identify parachute type.
3. Inspect parachute components.

4. Assemble parachute.
5. Complete inspection.
6. Perform administrative requirements.
7. Complete maintenance management process.

REFERENCES:

1. TM 10-1670-201-23/T General Maintenance of Parachute and other Airdrop Equipment
 2. TM 10443C-OI Tandem Offset Resupply Delivery System
 3. TM 11019-12A&P Cybernetic Parachute Release System
 4. TM 11083B-OI MC-7 Personnel Parachute System
 5. TM 11168A-OI Multimission Parachute System
-

0451-PACK-2011: Pack a 10K JPADS

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given tools, expendable material, adequate floor space, pack frame and references.

STANDARD: Ensuring safe and successful delivery of the load.

PERFORMANCE STEPS:

1. Initiate maintenance management process.
2. Shake out parachute.
3. Conduct inspection.
4. Pack a 10K main canopy.
5. Pack a 10K drogue parachute.
6. Attach 10K drogue parachute to main canopy.
7. Complete administrative requirements.
8. Complete maintenance management process.

REFERENCES:

1. TM 10-1670-XXX-13 & P 10K Joint Precision Airdrop System (JPADS)
-

0451-RIG-2901: Supervise the operations of a heavy drop activity

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0405, 0451

BILLETS: Air Delivery Officer, Heavy Drop NCOIC

GRADES: SGT, SSGT, GYSGT, MSGT, 2NDLT, 1STLT, CAPT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given the billet of OIC or NCOIC of an airdrop rigging activity, personnel, materials, tools, administrative supplies and the references.

STANDARD: Ensuring the serviceability of rigging equipment is maintained, rigging of loads is performed correctly, and administrative requirements are performed.

PERFORMANCE STEPS:

1. Validate asset availability.
2. Supervise the rigging of platform loads.
3. Supervise the rigging airdrop containers.
4. Inspect the loads for load standards and weight limitations.
5. Ensure all cargo containing hazardous materials are properly marked.
6. Ensure all discrepancies are immediately corrected.
7. Control and manage access to heavy drop area.
8. Validate logistics automated information system (AIS) transactions.

REFERENCES:

1. FM 10-400 QM Airdrop & Airdrop Equipment Support Unit
2. FM 4-20.102 Rigging Airdrop Platforms
3. FM 4-20.103 Rigging Containers
4. TM 10-1670-201-23/T General Maintenance of Parachute and other Airdrop Equipment
5. TM 10-1670-268-20 & P Type V Airdrop Platform
6. TM 10-1670-275-23 & P 12 Foot High Velocity Parachute
7. TM 10-1670-276-23 & P 26 Foot High Velocity Parachute
8. TM 10-1670-277-23&P Parachute, Cargo, Extraction, Heavy Duty, 15-FT
9. TM 10-1670-278-23&P Parachute, Cargo, Extraction, Heavy Duty, 28-FT
10. TM 10-1670-279-23&P Parachute, Cargo, Extraction, Heavy Duty, 22-FT
11. TM 10-1670-280-23&P 100-foot Diameter G-11B Cargo Parachute
12. TM 10-1670-281-23 & P 64-Foot Diameter G-12 D/E Cargo Parachute
13. TM 10-1670-282-23 & P 34 Foot Diameter G-14 Cargo Parachute
14. TM 10-1670-286-20 Sling/Extraction Line Panel
15. TM 10-1670-296-20 & P Airdrop Ancillary Equipment

MISCELLANEOUS:

SPECIAL PERSONNEL CERTS: This is taught at CID A14L894 Career-Level Airborne and Air Delivery Specialist Course, Fort Lee, Virginia.

0451-RIG-2902: Assemble a Type V platform for airdrop

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 24 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Given panels, rails, component parts, tools, support equipment and references.

STANDARD: To ensure heavy drop mission is accomplished.

PERFORMANCE STEPS:

1. Identify components.
2. Inspect components.
3. Assemble components.
4. Conduct quality assurance inspection.

REFERENCES:

1. TM 10-1670-268-20 & P Type V Airdrop Platform
-

0451-RIG-2903: Rig combat equipment for jump

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 3 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Given combat equipment air items, expendables and references.

STANDARD: Ensure the parachutist passes a Jump Master Personnel Inspection (JMPI).

PERFORMANCE STEPS:

1. Identify components.
2. Inspect components.
3. Rig combat equipment components.
4. Complete Jump Master Personnel Inspection (JMPI).

REFERENCES:

1. FM 3-21.220 (FM 57-220) Static Line Parachuting Techniques and Training
-

0451-RIG-2904: Rig a door bundle

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Given supplies, parachute, tools, expendable material, floor space and references.

STANDARD: To ensure aerial delivery is accomplished.

PERFORMANCE STEPS:

1. Identify components.
2. Inspect components.
3. Rig the load.
4. Inspect the load.
5. Correct discrepancies, as required.

REFERENCES:

1. FM 3-21.220 (FM 57-220) Static Line Parachuting Techniques and Training
 2. FM 4-20.103 Rigging Containers
 3. TM 10-1670-269-23 & P Parachute, Personnel Type 24 Ft Diameter, Troop, Chest, Reserve
 4. TM 10-1670-275-23 & P 12 Foot High Velocity Parachute
 5. TM 10-1670-282-23 & P 34 Foot Diameter G-14 Cargo Parachute
 6. TM 10-1670-298-20 & P Container Delivery System
-

0451-RIG-2905: Rig an A-7A container for the low or high velocity method of airdrop

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL

INITIAL TRAINING SETTING: MOJT

CONDITION: Given a load requiring airdrop, low or high velocity cargo parachute, tools and expendable material, and the reference.

STANDARD: To ensure proper rigging of equipment and proper deployment of parachute with zero malfunctions of equipment.

PERFORMANCE STEPS:

1. Identify components
2. Prepare the equipment for airdrop.

3. Inspect the load.
4. Correct discrepancies, as required.

REFERENCES:

1. FM 10-500-3 Rigging Containers
-

0451-RIG-2906: Rig a container with MTTB with a harness system

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an equipment load, harness system, container material, and tools.

STANDARD: Ensuring rigging of equipment in accordance with TM 10443B-12 Military Tandem Tethered Bundle (MTTB), and deployment of parachute with zero equipment malfunctions.

PERFORMANCE STEPS:

1. Select container.
2. Select tools and equipment.
3. Construct the container.
4. Pack the container.
5. Rig the container.
6. Mark the container.
7. Inspect the container.

REFERENCES:

1. TM 10443B-12 Military Tandem Tethered Bundle (MTTB)
-

0451-RIG-2911: Construct an MTTB

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451, 0321

BILLETS: Parachute Rigger, Recon Marine, MARSOC Operator

GRADES: CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

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CONDITION: Given required support equipment, tools, expendables, and the reference.

STANDARD: Ensuring proper rigging of equipment and proper deployment of parachute with zero malfunctions of equipment.

PERFORMANCE STEPS:

1. Select the container.
2. Construct the container.
3. Pack the container.
4. Rig the container.
5. Mark the container.
6. Inspect the container.

REFERENCES:

1. TM 10443B-12 SUPP 1, Military Tandem Tethered Bundle (MTTB)
-

LOG T&R MANUAL

CHAPTER 11

MOS 0471 INDIVIDUAL EVENTS

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LOG T&R MANUAL

CHAPTER 11

MOS 0471 INDIVIDUAL EVENTS

11000. PURPOSE. This chapter details the individual events that pertain to Personnel Retrieval and Processing Specialists. Each individual event provides an event title, along with the conditions events will be performed under, and the standard to which the event must be performed to be successful.

11001. EVENT CODING. Events in this T&R manual are depicted with an up to 12-digit, 3-field alphanumeric system (i.e., XXXX-XXXX-XXXX). This chapter utilizes the following methodology:

a. Field one. This field represents the MOS. This chapter contains the following MOS codes:

<u>Code</u>	<u>Description</u>
0471	Personnel Retrieval and Processing Specialist

b. Field two. This field represents the functional/duty area. This chapter contains the following functional/duty areas:

<u>Code</u>	<u>Description</u>
ADMN	Administration
OPS	Operations

c. Field three. This field provides the level at which the event is accomplished and numerical sequencing of events. This chapter contains the following event levels:

<u>Code</u>	<u>Description</u>
1000	Core Skills
2000	Core Plus Skills

11002. INDEX OF EVENTS

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11003. 1000-LEVEL EVENTS

0471-ADMN-1101: Complete Personnel Retrieval and Processing (PRP) administrative requirements

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0471

BILLETS: Personnel Retrieval Processing Specialist

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given desktop procedures, applicable forms and records.

STANDARD: To ensure 100% accuracy of documentation and remains are transported to CONUS within 48 hours.

PERFORMANCE STEPS:

1. Maintain inventory of forms.
2. Prepare appropriate Personnel Retrieval and Processing forms.
3. Complete Personnel Retrieval and Processing reports.
4. Complete Air Support Request (ASR) for evacuation.
5. Maintain Personnel Retrieval and Processing case files.
6. Complete evacuation procedures.

REFERENCES:

1. AR 638.2 Care and Disposition of Remains and Disposition of Personal Effects

2. DOD Directive 1300.18 Military Personnel Casualty Matters, Policies, and Procedures
3. DOD Directive 1300.22 Mortuary Affairs Policy
4. FM 4-20.64 Mortuary Affairs Operations
5. JTTP 4.06 Joint Tactics, Techniques and Procedures for Mortuary Affairs in Joint Operations

0471-ADMN-1102: Maintain Mortuary Affairs Remains Tracking System (MARTS)

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0471

BILLETS: Personnel Retrieval Processing Specialist

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given applicable forms, computer resources and records.

STANDARD: To maintain the Mortuary Affairs Remains Tracking System (MARTS) with 100% accuracy.

PERFORMANCE STEPS:

1. Ensure security measures are established.
2. Update Mortuary Affairs Remains Tracking System (MARTS) as required.
3. Give appropriate notification of completion.

REFERENCES:

1. AR 638.2 Care and Disposition of Remains and Disposition of Personal Effects
2. DOD Directive 1300.18 Military Personnel Casualty Matters, Policies, and Procedures
3. DOD Directive 1300.22 Mortuary Affairs Policy
4. FM 4-20.64 Mortuary Affairs Operations
5. JTTP 4.06 Joint Tactics, Techniques and Procedures for Mortuary Affairs in Joint Operations

0471-OPS-1701: Perform search and recovery mission

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0471

BILLETS: Personnel Retrieval Processing Specialist

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: During daylight hours, given a search area, appropriate equipment, and without use of references or desktop procedures.

STANDARD: To locate and remove 100% of recoverable remains, portions and effects from the site.

PERFORMANCE STEPS:

1. Perform security.
2. Grid site (if situation allows).
3. Locate remains, portions, and effects.
4. Recover remains, portions, and effects.
5. Initiate administrative requirements.
6. Transport remains, portions, and effects to collection point.
7. Complete recovery site closure.
8. Complete administrative requirements.

REFERENCES:

1. AR 638.2 Care and Disposition of Remains and Disposition of Personal Effects
 2. DOD Directive 1300.18 Military Personnel Casualty Matters, Policies, and Procedures
 3. DOD Directive 1300.22 Mortuary Affairs Policy
 4. FM 4-20.64 Mortuary Affairs Operations
 5. JTTP 4.06 Joint Tactics, Techniques and Procedures for Mortuary Affairs in Joint Operations
 6. Unit SOP
-

0471-OPS-1702: Operate extraction equipment

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0471

BILLETS: Personnel Retrieval Processing Specialist

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given search and recovery mission requiring extraction equipment, appropriate equipment, required references, personnel and during daylight hours.

STANDARD: To ensure adherence to 100% of the safety protocols and extract the remains without causing further deterioration.

PERFORMANCE STEPS:

1. Assess extraction area for hazards.
2. Operate extraction equipment as applicable.

3. Perform preventive maintenance, as required.

REFERENCES:

1. Unit SOP
2. Operators Manual for the Jaws of Life

SUPPORT REQUIREMENTS:

EQUIPMENT: The following equipment is utilized during extraction operations (mission dependent): (1) Jaws of Life; (2) Chop Saw (portable gas-powered cutting saw); (3) Chain Saw; and/or (4) Impact/Hammer Drill.

0471-OPS-1703: Perform interment

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0471

BILLETS: Personnel Retrieval Processing Specialist

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: During daylight hours, given remains, equipment and supplies.

STANDARD: To inter remains with 100% accuracy.

PERFORMANCE STEPS:

1. Process remains.
2. Process personal effects.
3. Prepare interment site.
4. Inter remains in accordance with religious protocol.
5. Close site.
6. Complete administrative requirements.

REFERENCES:

1. AR 638.2 Care and Disposition of Remains and Disposition of Personal Effects
2. DOD Directive 1300.18 Military Personnel Casualty Matters, Policies, and Procedures
3. DOD Directive 1300.22 Mortuary Affairs Policy
4. FM 4-20.64 Mortuary Affairs Operations
5. JTTP 4.06 Joint Tactics, Techniques and Procedures for Mortuary Affairs in Joint Operations
6. Unit SOP

SUPPORT REQUIREMENTS:

EQUIPMENT: Heavy Equipment Support, Engineer Support

0471-OPS-1704: Perform disinterment

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0471

BILLETS: Personnel Retrieval Processing Specialist

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: During daylight hours, given an interment site, equipment and supplies.

STANDARD: To disinter remains with 100% accuracy.

PERFORMANCE STEPS:

1. Manually dig at interment site.
2. Uncover all remains at interment site.
3. Ensure case files match disinterment log.
4. Transport United States remains to collection point.
5. Transport other nation remains to appropriate government official.
6. Return interment site to original condition

REFERENCES:

1. AR 638.2 Care and Disposition of Remains and Disposition of Personal Effects
2. DOD Directive 1300.18 Military Personnel Casualty Matters, Policies, and Procedures
3. DOD Directive 1300.22 Mortuary Affairs Policy
4. FM 4-20.64 Mortuary Affairs Operations
5. JTTP 4.06 Joint Tactics, Techniques and Procedures for Mortuary Affairs in Joint Operations
6. Unit SOP

SUPPORT REQUIREMENTS:

EQUIPMENT: Heavy Equipment and Engineer Support

0471-OPS-1705: Process remains, portions and personal effects

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0471

BILLETS: Personnel Retrieval Processing Specialist

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given remains, portions and personal effects, case files, applicable administrative resources and supplies.

STANDARD: To perform processing and documentation procedures with 100% accuracy.

PERFORMANCE STEPS:

1. Receive remains/portions/effects.
2. Check for unexploded ordnance.
3. Check for sensitive material.
4. Check for unit equipment.
5. Properly dispose of applicable items.
6. Complete case file.
7. Coordinate movement.
8. Evacuate remains/portions/effects.

REFERENCES:

1. AR 638.2 Care and Disposition of Remains and Disposition of Personal Effects
2. DOD Directive 1300.18 Military Personnel Casualty Matters, Policies, and Procedures
3. DOD Directive 1300.22 Mortuary Affairs Policy
4. FM 4-20.64 Mortuary Affairs Operations
5. JTTP 4.06 Joint Tactics, Techniques and Procedures for Mortuary Affairs in Joint Operations
6. Unit SOP

0471-OPS-1706: Decontaminate remains, portions and effects

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0471

BILLETS: Personnel Retrieval Processing Specialist

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given contaminated remains, portions, and effects, equipment, and references.

STANDARD: To ensure that remains, portions and effects are suitable for safe transport.

PERFORMANCE STEPS:

1. Inspect equipment for condition and serviceability.
2. Process remains, portions and effects through dismount point.
3. Process remains, portions and effects through wash and rinse station.
4. Process remains, portions and effects through quality control station.
5. Release remains, portions and effects.

6. Evacuate remains, portions and effects.

REFERENCES:

1. AF DD 2-1.8 Chemical, Biological and Nuclear Operations (Air Force)
 2. AR 638.2 Care and Disposition of Remains and Disposition of Personal Effects
 3. DOD Directive 1300.18 Military Personnel Casualty Matters, Policies, and Procedures
 4. DOD Directive 1300.22 Mortuary Affairs Policy
 5. FM 4-20.64 Mortuary Affairs Operations
 6. JP 3-11 Joint Doctrine for Nuclear, Biological, and Chemical Defense
 7. JTTP 4.06 Joint Tactics, Techniques and Procedures for Mortuary Affairs in Joint Operations
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11004. 2000-LEVEL EVENTS

0471-ADMN-2101: Supervise administrative requirements

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0471

BILLETS: Personnel Retrieval Processing Specialist

GRADES: SGT, SSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Given administrative forms, desktop procedures and computer support.

STANDARD: To check all administrative requirements to ensure 100% accuracy.

PERFORMANCE STEPS:

1. Ensure forms are accurate.
2. Review reports for accuracy.
3. Ensure all documents are appropriately matched to remains.
4. Communicate information with responsible unit and higher headquarters.

REFERENCES:

1. 10 U.S.C. Title 10 U.S. Code
2. AR 638.2 Care and Disposition of Remains and Disposition of Personal Effects
3. DOD 1400.25 DOD Civilian Personnel Manual (CPM)
4. DOD Directive 1300.18 Military Personnel Casualty Matters, Policies, and Procedures
5. DOD Directive 1300.22 Mortuary Affairs Policy
6. DOD Directive 1400.35 Defense Civilian Intelligence Personnel System
7. FM 27-10 Law of Land Warfare
8. FM 4-20.64 Mortuary Affairs Operations
9. FM 4-20.65 Identification of Deceased Personnel

10. JP 1-02 DOD Dictionary of Military and Associated Terms
11. JTTP 4.06 Joint Tactics, Techniques and Procedures for Mortuary Affairs in Joint Operations
12. MCO P3040.4 Marine Corps Casualty Procedures Manual
13. NAVMEDCOMINST 5360.1 Decedent Affairs Manual
14. Unit SOP

0471-MAIN-2601: Supervise preventive maintenance program on equipment

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0471

BILLETS: Personnel Retrieval Processing Specialist

GRADES: SGT, SSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Given maintenance records, personnel, equipment and references.

STANDARD: To supervise the maintenance/record keeping/inspections for all required equipment with 100% accuracy.

PERFORMANCE STEPS:

1. Compile maintenance schedules.
2. Supervise maintenance.
3. Verify maintenance records.
4. Conduct maintenance inspections.

REFERENCES:

1. MCO P4790.2_ MIMMS Field Procedures Manual
2. MCWP 4-11.4 Maintenance Operations
3. TM 4700-15/1_ Ground Equipment Record Procedures

0471-OPS-2701: Supervise Mortuary Affairs Collection Point (MACP) operations

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0471

BILLETS: Personnel Retrieval Processing Specialist

GRADES: SGT, SSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Given mission requirement, personnel, equipment, and in an uncontaminated environment.

STANDARD: To ensure the receipt, processing, and evacuation of all remains, portions and effects within prescribed timelines, and with 100% accuracy of administrative requirements.

PERFORMANCE STEPS:

1. Assemble processing teams.
2. Monitor processing operations.
3. Monitor quality control.
4. Monitor evacuation procedures.
5. Review administrative documentation.
6. Implement required safeguards and procedures.

REFERENCES:

1. JTTP 4.06 Joint Tactics, Techniques and Procedures for Mortuary Affairs in Joint Operations
 2. MCWP 4-1 Logistics Operations
 3. MCWP 4-11 Tactical-Level Logistics
 4. MCWP 4-11.8 Services in an Expeditionary Environment
-

0471-OPS-2702: Supervise Search and Recovery Operations

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0471

BILLETS: Personnel Retrieval Processing Specialist

GRADES: SGT, SSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: During daylight hours, given mission requirement, personnel and equipment.

STANDARD: Supervise the search and recovery of 100% of recoverable remains, portions and effects from the site utilizing proper procedures.

PERFORMANCE STEPS:

1. Assign search and recovery billets.
2. Coordinate logistical requirements.
3. Coordinate combat support requirements.
4. Develop fragmentary order (FRAGO).
5. Issue fragmentary order (FRAGO).
6. Execute search and recovery plan.
7. Supervise completion of administrative tasks.

REFERENCES:

1. JTTP 4.06 Joint Tactics, Techniques and Procedures for Mortuary Affairs in Joint Operations
2. MCWP 4-1 Logistics Operations
3. MCWP 4-11 Tactical-Level Logistics

4. MCWP 4-11.8 Services in an Expeditionary Environment
5. Unit SOP

0471-OPS-2703: Supervise Theater Mortuary Evacuation Point (TMEP) operations

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0471

BILLETS: Personnel Retrieval Processing Specialist

GRADES: SGT, SSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Given mission requirement, personnel and equipment.

STANDARD: To ensure the receipt, processing, and evacuation of all remains, portions and effects within prescribed timelines, and with 100% accuracy of administrative requirements.

PERFORMANCE STEPS:

1. Assemble processing teams.
2. Monitor processing operations.
3. Monitor quality control.
4. Monitor evacuation procedures.
5. Review administrative documentation.
6. Implement required safeguards and procedures.

REFERENCES:

1. JTTP 4.06 Joint Tactics, Techniques and Procedures for Mortuary Affairs in Joint Operations
2. MCWP 4-1 Logistics Operations
3. MCWP 4-11 Tactical-Level Logistics
4. MCWP 4-11.8 Services in an Expeditionary Environment

0471-OPS-2704: Supervise Mortuary Affairs Decontamination Collection Point (MADCP) operations

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0471

BILLETS: Personnel Retrieval Processing Specialist

GRADES: SGT, SSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Given personnel, supplies, equipment, and contaminated remains, portions and effects.

STANDARD: To ensure that remains, portions and effects are suitable for safe transport.

PERFORMANCE STEPS:

1. Ensure tentage and equipment are set-up.
2. Ensure personnel are wearing appropriate CBRN equipment.
3. Ensure proper processing and handling through decontamination point.
4. Monitor quality control.
5. Effect evacuation of remains.

REFERENCES:

1. AF DD 2-1.8 Chemical, Biological and Nuclear Operations (Air Force)
 2. AR 638.2 Care and Disposition of Remains and Disposition of Personal Effects
 3. DOD Directive 1300.18 Military Personnel Casualty Matters, Policies, and Procedures
 4. DOD Directive 1300.22 Mortuary Affairs Policy
 5. FM 4-20.64 Mortuary Affairs Operations
 6. JP 3-11 Joint Doctrine for Nuclear, Biological, and Chemical Defense
 7. JTTP 4.06 Joint Tactics, Techniques and Procedures for Mortuary Affairs in Joint Operations
 8. MCWP 4-1 Logistics Operations
 9. MCWP 4-11 Tactical-Level Logistics
 10. MCWP 4-11.8 Services in an Expeditionary Environment
-

0471-OPS-2705: Supervise Interment Operations

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0471

BILLETS: Personnel Retrieval Processing Specialist

GRADES: SGT, SSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: During daylight hours, given an interment site, equipment and supplies.

STANDARD: To inter remains with 100% accuracy.

PERFORMANCE STEPS:

1. Determine site requirements.
2. Conduct a site survey.
3. Supervise interment procedures.
4. Notify higher headquarters of site closure.

REFERENCES:

1. AR 638.2 Care and Disposition of Remains and Disposition of Personal Effects
 2. DOD Directive 1300.18 Military Personnel Casualty Matters, Policies, and Procedures
 3. DOD Directive 1300.22 Mortuary Affairs Policy
 4. FM 4-20.64 Mortuary Affairs Operations
 5. JTTP 4.06 Joint Tactics, Techniques and Procedures for Mortuary Affairs in Joint Operations
 6. Unit SOP
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0471-OPS-2706: Supervise Disinterment Operations

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0471

BILLETS: Personnel Retrieval Processing Specialist

GRADES: SGT, SSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: During daylight hours, given an interment site, equipment and supplies.

STANDARD: To disinter remains with 100% accuracy.

PERFORMANCE STEPS:

1. Determine site requirements.
2. Conduct a site survey.
3. Supervise disinterment procedures.
4. Notify higher headquarters of site closure.

REFERENCES:

1. AR 638.2 Care and Disposition of Remains and Disposition of Personal Effects
 2. DOD Directive 1300.18 Military Personnel Casualty Matters, Policies, and Procedures
 3. DOD Directive 1300.22 Mortuary Affairs Policy
 4. FM 4-20.64 Mortuary Affairs Operations
 5. JTTP 4.06 Joint Tactics, Techniques and Procedures for Mortuary Affairs in Joint Operations
 6. Unit SOP
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0471-PLAN-2801: Prepare a Personnel Retrieval and Processing appendix to an operation order

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0471

BILLETS: Personnel Retrieval Processing Specialist

GRADES: SSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Given commanders intent, concept of operations, warning order, fragmentary order, logistics requirements and references.

STANDARD: To ensure appropriate Personnel Retrieval and Processing support is in accordance with the concept of operations.

PERFORMANCE STEPS:

1. Participate in operational planning team meetings, as required.
2. Verify the mission.
3. Verify the overall concept of operations.
4. Verify the overall concept and priorities of logistical support.
5. Analyze the situation, mission, execution, administration and logistics, and command and control.
6. Draft appropriate annex/appendix to the operation order.
7. Submit to the appropriate authority.

REFERENCES:

1. AR 638.2 Care and Disposition of Remains and Disposition of Personal Effects
 2. DOD Directive 1300.18 Military Personnel Casualty Matters, Policies, and Procedures
 3. DOD Directive 1300.22 Mortuary Affairs Policy
 4. FM 4-20.64 Mortuary Affairs Operations
 5. JTTP 4.06 Joint Tactics, Techniques and Procedures for Mortuary Affairs in Joint Operations
 6. MCWP 5-1 Marine Corps Planning Process (MCPPE)
 7. Unit SOP
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CHAPTER 12

MOS 0472, INDIVIDUAL EVENTS

This chapter remains as a placeholder for future use. The 0472 Personnel Retrieval and Processing Technician (MOS) were recently converted to a Logistics specialty. Training events will be developed for this MOS in the future.

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CHAPTER 13

MOS 0481 INDIVIDUAL EVENTS

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CHAPTER 13

MOS 0481 INDIVIDUAL EVENTS

13000. PURPOSE. This chapter details the individual events that pertain to Landing Support Specialists. Each individual event provides an event title, along with the conditions events will be performed under, and the standard to which the event must be performed to be successful.

13001. EVENT CODING. Events in this T&R manual are depicted with an up to 12-digit, 3-field alphanumeric system (i.e., XXXX-XXXX-XXXX). This chapter utilizes the following methodology:

a. Field one. This field represents the community. This chapter contains the following community codes:

<u>Code</u>	<u>Description</u>
0481	Landing Support Specialist

b. Field two. This field represents the functional/duty area. This chapter contains the following functional/duty areas:

<u>Code</u>	<u>Description</u>
ADMN	Administration and Personnel
LOAD	Load Planning
OPS	Operations

c. Field three. This field provides the level at which the event is accomplished and numerical sequencing of events. This chapter contains the following event levels:

<u>Code</u>	<u>Description</u>
1000	Core Skills
2000	Core Plus Skills

13002. INDEX OF EVENTS

EVENT CODE	EVENT	PAGE
1000-LEVEL		
0481-OPS-1401	Conduct helicopter support team (HST) operations	13-3
0481-OPS-1402	Conduct rail operations	13-3
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0481-OPS-1404	Conduct beach operations	13-5
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2000-LEVEL		
0481-ADMN-2401	Perform in-transit visibility (ITV) functions	13-6
0481-OPS-2401	Certify drop zone/landing zone for rotary wing, fixed wing, and tilt rotary aircraft	13-7
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0481-PLAN-2705	Plan rail operations	13-11
0481-PLAN-2706	Plan combat service support (CSS)	13-12

13003. 1000-LEVEL EVENTS

0481-OPS-1401: Conduct helicopter support team (HST) operations

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 0481

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a task, personnel, equipment, tools, facilities and references.

STANDARD: To transport all required equipment and personnel.

PERFORMANCE STEPS:

1. Perform individual task(s) as required.
2. Establish communication.
3. Clear LZ.
4. Mark LZ.
5. Prepare load for lifting.
6. Stage PAX for loading.
7. Direct aircraft.
8. Perform internal loading operations.
9. Perform external lift hookup operations.

REFERENCES:

1. MCRP 4-11.3E Multi-service Helicopter Sling Load: Vols I, II and III

0481-OPS-1402: Conduct rail operations

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 24 months

MOS PERFORMING: 0481

BILLETS: Landing Support Specialist

GRADES: PVT, PFC, LCPL, CPL, SGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a task, personnel, equipment, tools, facilities and references.

STANDARD: To load all required equipment for transportation.

PERFORMANCE STEPS:

1. Perform individual task(s) as required.
2. Identify rail car characteristics.
3. Perform automated information technology functions.
4. Direct loading/unloading of rail cars.
5. Tie down vehicle.

REFERENCES:

1. AAR American Association of Railroads
 2. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
 3. SDDCTEA PAM 5519 Tie Down Handbook for Rail Movements
 4. TM 55-2200-001-12 Application of Blocking, Bracing and Tie Down Materials for Rail Transport
 5. Unit Move Automated Information System (AIS) Users Manual
-

0481-OPS-1403: Conduct port operations

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0481

BILLETS: Landing Support Specialist

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a task, personnel, equipment, tools, facilities and references.

STANDARD: To complete operation with 100% accountability.

PERFORMANCE STEPS:

1. Perform individual task(s) as required.
2. Identify ship characteristics.
3. Perform automated information technology functions.
4. Direct equipment movement for loading/offloading.
5. Direct PAX movement for loading/offloading.

REFERENCES:

1. JP 3-02 Amphibious Operations
 2. MCWP 3-31.5 Ship-to-Shore Movement
 3. MCWP 4-11 Tactical-Level Logistics
 4. MCWP 4-11.3 Transportation Operations
 5. Unit Move Automated Information System (AIS) Users Manual
-

0481-OPS-1404: Conduct beach operations

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0481

BILLETS: Landing Support Specialist

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a task, personnel, equipment, tools, facilities and references.

STANDARD: To complete ship-to-shore operations IAW the landing plan.

PERFORMANCE STEPS:

1. Perform individual task(s) as required.
2. Identity landing craft characteristics.
3. Set up beach landing zones.
4. Submit required reports.
5. Perform automated information technology functions.
6. Direct equipment movement for loading/offloading.
7. Anchor the panels.

REFERENCES:

1. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
 2. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
 3. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
 4. JP 3-02 Amphibious Operations
 5. JP 3-02.2 Amphibious Embarkation
 6. MCWP 3-31.5 Ship-to-Shore Movement
 7. TM 06831A-15 Operating and Maintenance Instructions MO-MAT (Assault Trackway) Kits.
 8. Unit Move Automated Information System (AIS) Users Manual
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0481-OPS-1405: Conduct arrival airfield control group/departure airfield control group (A/DACG) operations

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0481

BILLETS: Landing Support Specialist

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a task, personnel, equipment, tools, facilities and references.

STANDARD: To support air movement operations IAW the references.

PERFORMANCE STEPS:

1. Perform individual task(s) as required.
2. Identify aircraft characteristics.
3. Identify material handling equipment requirements.
4. Direct equipment movement for loading/offloading.
5. Direct PAX movement for loading/offloading.

REFERENCES:

1. AMCPAM 36-1 AMC Affiliation Program Airlift Planners Course
 2. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
 3. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
 4. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
 5. MCWP 4-11.3 Transportation Operations
 6. TO 35D33-2-2-2 Instructions with parts breakdown 463L air cargo pallets
 7. TO 35D33-2-3-1 Maintenance and Repair instructions Air Cargo Pallet nets
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13004. 2000-LEVEL EVENTS

0481-ADMN-2401: Perform in-transit visibility (ITV) functions

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 0481

BILLETS: Landing Support Detachment Chief, Landing Support Platoon Sergeant, Landing Support Specialist, Logistics Chief

GRADES: CPL, SGT, SSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a task, unit deployment data, personnel and In-Transit Visibility (ITV) assets.

STANDARD: To ensure visibility of all assets during transit.

PERFORMANCE STEPS:

1. Determine ITV asset requirements.
2. Inventory ITV assets.
3. Inspect ITV assets.
4. Assemble ITV assets.
5. Implement ITV assets.
6. Validate upload of unit data into DOD ITV systems.
7. Verify asset tracking using DOD ITV systems.

REFERENCES:

1. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
2. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
3. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
4. PDK UM PDK Users Manual
5. Unit Move Automated Information System (AIS) Users Manual

SUPPORT REQUIREMENTS:

EQUIPMENT: Computer with LOGAIS, RFID Tag, RFID Interrogator Suite, Internet Connectivity.

0481-OPS-2401: Certify drop zone/landing zone for rotary wing, fixed wing, and tilt rotary aircraft

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 0481

BILLETS: Landing Support Detachment Chief, Landing Support Platoon Sergeant, Landing Support Specialist, Logistics Chief

GRADES: CPL, SGT, SSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a task, personnel, equipment, tools, facilities and references.

STANDARD: To ensure that DZ/LZ support CSS operations.

PERFORMANCE STEPS:

1. Identify DZ/LZ area.
2. Conduct site survey.
3. Determine marking requirements.
4. Coordinate support.

REFERENCES:

1. AFI 13-217 Drop Zone and Landing Zone Operations
2. FM 3-21.38 Pathfinder Operations

0481-PLAN-2701: Plan helicopter support team (HST) operations

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0481

BILLETS: Landing Support Detachment Chief, Landing Support Platoon Sergeant, Landing Support Specialist, Logistics Chief

GRADES: CPL, SGT, SSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a task, personnel, equipment, tools, facilities and references.

STANDARD: To ensure 100% accountability and timely throughput of required equipment and personnel.

PERFORMANCE STEPS:

1. Determine requirements.
2. Coordinate support.
3. Conduct reconnaissance.
4. Provide input as required.
5. Conduct confirmation brief.
6. Implement procedures.

REFERENCES:

1. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
2. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
3. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
4. MCRP 4-11.3E Multi-service Helicopter Sling Load: Vols I, II and III
5. MCWP 3-31.5/FMFM 1-8 Ship-to-Shore Movement
6. MCWP 4-1 Logistics Operations
7. MCWP 4-11 Tactical-Level Logistics
8. MCWP 4-11.3 Transportation Operations

0481-PLAN-2702: Plan port operations

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0481

BILLETS: Landing Support Detachment Chief, Landing Support Platoon Sergeant, Landing Support Specialist, Logistics Chief

GRADES: CPL, SGT, SSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a task, personnel, equipment, tools, facilities and references.

STANDARD: To ensure 100% accountability and timely throughput of required equipment and personnel.

PERFORMANCE STEPS:

1. Determine requirements.
2. Coordinate support.
3. Conduct site survey.
4. Provide input as required.
5. Conduct confirmation brief.
6. Implement procedures.

REFERENCES:

1. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
 2. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
 3. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
 4. JP 3-02 Amphibious Operations
 5. MCRP 3-31B Amphibious Ships and Landing Craft
 6. MCRP 5-12A Operational Terms and Graphics
 7. MCWP 4-11 Tactical-Level Logistics
 8. MCWP 4-11.3 Transportation Operations
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0481-PLAN-2703: Plan beach operations

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0481

BILLETS: Landing Support Detachment Chief, Landing Support Platoon Sergeant, Landing Support Specialist, Logistics Chief

GRADES: CPL, SGT, SSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a task, personnel, equipment, tools, facilities and references.

STANDARD: To ensure 100% accountability and timely throughput of required

equipment and personnel.

PERFORMANCE STEPS:

1. Determine requirements.
2. Coordinate support.
3. Conduct recon.
4. Provide input as required.
5. Conduct confirmation brief.
6. Implement procedures.

REFERENCES:

1. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
 2. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
 3. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
 4. JP 3-02 Amphibious Operations
 5. MCRP 4-11.3E Multi-service Helicopter Sling Load: Vols I, II and III
 6. MCWP 3-31.5/FMFM 1-8 Ship-to-Shore Movement
 7. MCWP 4-11 Tactical-Level Logistics
 8. MCWP 4-11.3 Transportation Operations
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0481-PLAN-2704: Plan Arrival Airfield Control Group/Departure Airfield Control Group (A/DACG) operations

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0481

BILLETS: Landing Support Detachment Chief, Landing Support Platoon Sergeant, Landing Support Specialist, Logistics Chief

GRADES: CPL, SGT, SSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a task, personnel, equipment, tools, facilities and references.

STANDARD: To ensure 100% accountability and timely throughput of required equipment and personnel.

PERFORMANCE STEPS:

1. Determine requirements.
2. Coordinate support.
3. Provide input as required.
4. Conduct confirmation brief.
5. Implement procedures.

REFERENCES:

1. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
 2. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
 3. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
 4. JP 3-02 Amphibious Operations
 5. MCRP 4-11.3E Multi-service Helicopter Sling Load: Vols I, II and III
 6. MCRP 5-12A Operational Terms and Graphics
 7. MCWP 3-31.5/FMFM 1-8 Ship-to-Shore Movement
 8. MCWP 4-1 Logistics Operations
 9. MCWP 4-11 Tactical-Level Logistics
 10. MCWP 4-11.3 Transportation Operations
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0481-PLAN-2705: Plan rail operations

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 27 months

MOS PERFORMING: 0481

BILLETS: Landing Support Detachment Chief, Landing Support Platoon Sergeant, Landing Support Specialist, Logistics Chief

GRADES: CPL, SGT, SSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a task, personnel, equipment, tools, facilities and references.

STANDARD: To ensure 100% accountability and timely throughput of required equipment and personnel.

PERFORMANCE STEPS:

1. Determine requirements.
2. Coordinate support.
3. Conduct site survey.
4. Provide input as required.
5. Conduct confirmation brief.
6. Implement procedures.

REFERENCES:

1. AAR American Association of Railroads
2. CFR 49 Code of Federal Regulations Parts 100-185 - Transportation
3. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
4. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
5. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
6. JP 3-02 Amphibious Operations

7. MCRP 5-12A Operational Terms and Graphics
8. MCWP 3-31.5/FMFM 1-8 Ship-to-Shore Movement
9. MCWP 4-11 Tactical-Level Logistics
10. MCWP 4-11.3 Transportation Operations
11. TM 55-2200-001-12 Application of Blocking, Bracing and Tie Down Materials for Rail Transport

0481-PLAN-2706: Plan combat service support (CSS)

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0481

BILLETS: Logistics Chief

GRADES: SSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a task, personnel, equipment, tools, facilities and references.

STANDARD: To ensure all CSS requirements are met.

PERFORMANCE STEPS:

1. Determine requirements.
2. Coordinate support.
3. Provide input as required.
4. Implement procedures.

REFERENCES:

1. JP 3-02.2 Amphibious Embarkation
2. MCRP 4-11.2 Patient Movement
3. MCRP 4-11.3D/NWP 22.5 The Naval Beach Group
4. MCRP 5-12 Organization of Marine Corps Forces
5. MCWP 3-17 Engineer Operations
6. MCWP 3-2 Aviation Operations
7. MCWP 4-1 Logistics Operations
8. MCWP 4-11 Tactical-Level Logistics
9. MCWP 4-11.3 Transportation Operations
10. MCWP 4-11.6 Petroleum and Water Logistics Operations
11. MCWP 4-11.7 MAGTF Supply Operations
12. MCWP 4-11.8 Services in an Expeditionary Environment
13. MCWP 4-12 Operational-Level Logistics
14. TM 11240-15/4 Motor Transport Technical Characteristics
15. UM 4400-124 SASSY Using Unit Procedures

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CHAPTER 14

MOS 0491 INDIVIDUAL EVENTS

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CHAPTER 14

MOS 0491 INDIVIDUAL EVENTS

14000. PURPOSE. This chapter details the individual events that pertain to Combat Service Support Chiefs. Each individual event provides an event title, along with the conditions events will be performed under, and the standard to which the event must be performed to be successful.

14001. EVENT CODING. Events in this T&R manual are depicted with an up to 12-digit, 3-field alphanumeric system (i.e., XXXX-XXXX-XXXX). This chapter utilizes the following methodology:

a. Field one. This field represents the community. This chapter contains the following community codes:

<u>Code</u>	<u>Description</u>
0491	Combat Service Support Chief

b. Field two. This field represents the functional/duty area. This chapter contains the following functional/duty areas:

<u>Code</u>	<u>Description</u>
ADMN	Administration and Personnel
OPS	Operations
PLAN	Planning

c. Field three. This field provides the level at which the event is accomplished and numerical sequencing of events. This chapter contains the following event levels:

<u>Code</u>	<u>Description</u>
1000	Core Skills
2000	Core Plus Skills

14002. INDEX OF EVENTS

EVENT CODE	EVENT	PAGE
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14003. 2000-LEVEL EVENTS

0491-C2-2001: Plan tactical logistics operations

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0491

GRADES: GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given the operation order, commander's guidance, resources, and the requirement to support a MAGTF.

STANDARD: Producing plans and orders which support the accomplishment of the mission and commander's intent.

PERFORMANCE STEPS:

1. Conduct problem framing.
2. Develop courses of action.
3. Wargame courses of action.
4. Compare and recommend courses of action.
5. Develop orders.
6. Execute transition.

REFERENCES:

1. CJCSM 3122.01 Joint Operational Planning And Execution System (JOPES), Volume I
 2. CJCSM 3122.02 Joint Operation Planning and Execution System (JOPES), Volume III, (Crisis Action Time-Phased Force and Deployment Data Development and Deployment Execution)
 3. CJCSM 3122.03 Joint Operation Planning and Execution System, Volume II (Planning Formats and Guidance)
 4. FORCESFOR SecDef MEMO; Forces for Unified Commands
 5. JP 0-2 Unified Action Armed Forces (UNAAF)
 6. JP 3-0 Joint Doctrine for Joint Operations
 7. JP 3-35 Joint Deployment and Redeployment Operations
 8. JP 5-0 Doctrine for Planning Joint Operations
 9. JP 5-00.2 Joint Task Force Planning Guidance and Procedures
 10. MCDP-5 Planning
 11. MCO P3000.18 Marine Corps Planner's Manual
 12. MCWP 5-1 Marine Corps Planning Process (MCPPE)
 13. MSTP PAM 4-0.2 A Logistics Planner's Guide
 14. MSTP PAM 5-0.2 Operational Planning Team Guide
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0491-C2-2002: Manage tactical logistics operations

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0491

GRADES: GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given the commander's guidance, mission, and resources.

STANDARD: Providing oversight on the functional areas of logistics.

PERFORMANCE STEPS:

1. Manage a combat operations center (COC).
2. Establish a COC.
3. Supervise the security and organization of the COC.
4. Monitor communications with higher, adjacent, supported and supporting units.
5. Enforce battle rhythm.
6. Train the watch section personnel.
7. Produce products in support of the operations section.
8. Execute forward, main and rear CP capabilities/requirements.
9. Establish forward, main and rear CP.
10. Supervise transition control of operations to forward, main or rear COC as required.
11. Supervise in-transit visibility asset tracking.
12. Supervise total asset visibility.
13. Support deployment and distribution planning.
14. Organize C2 and log AIS.
15. Supervise the use of C2 and log AIS.
16. Monitor common operational picture (COP) of logistics support.
17. Coordinate cross boundary movement.
18. Monitor convoy operations.
19. Manage unit movement coordination center (UMCC) operations.
20. Coordinate aviation integration.
21. Determine logistics capabilities in joint, interagency, NGO, multi-national and coalition environment.
22. Determine MAGTF logistics capabilities.
23. Incorporate Naval Logistics Integration into planning.
24. Plan battlefield distribution operations.
25. Plan combat service support operations across the range of military operations.
26. Plan logistics to support civil military operations.
27. Plan logistics to support HADR operations.
28. Plan logistics to support peacekeeping operations.
29. Plan logistics to support defense support to civilian authorities.
30. Plan Support for MPF operations.
31. Identify cultural/regional effects on CSS operations.
32. Coordinate non-organic support requirements.
33. Monitor contracting requirements.
34. Understand the limitations/capabilities of a contingency contracting officer.

35. Coordinate FDP&E.
36. Coordinate RSO&I.
37. Coordinate reconstitution.

REFERENCES:

1. MCWP 3-43 Command and Control
2. MCWP 4-1 Logistics Operations
3. MCWP 4-11 Tactical-Level Logistics

0491-C2-2003: Coordinate health services support

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0491

GRADES: GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given the operation order, commander's guidance, resources, and the requirement to support a MAGTF.

STANDARD: Ensuring health services support, when integrated with the other functional areas of logistics, satisfies the unit's mission.

PERFORMANCE STEPS:

1. Identify health services support requirements.
2. Identify organic/non-organic health services support capabilities.
3. Identify casualty evacuation procedures.
4. Coordinate special programs.
5. Incorporate the appropriate level of care into the health service support plan.
6. Integrate health service support throughout the ROMO.

REFERENCES:

1. JP 4-02 Doctrine for Health Service Support in Joint Operations
2. MCO 6600.3 Dental Health Care Program
3. MCRP 4-11.1D Field Hygiene and Sanitation
4. MCRP 4-11.1G Patient Movement
5. MCWP 4-1 Logistics Operations
6. MCWP 4-11 Tactical-Level Logistics
7. MCWP 4-11.1 Health Service Support Operations

0491-C2-2004: Coordinate transportation support

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0491

GRADES: GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given the operation order, commander's guidance, resources, and the requirement to support a MAGTF.

STANDARD: Ensuring transportation support, when integrated with the other functional areas of logistics, satisfies the unit's mission.

PERFORMANCE STEPS:

1. Identify transportation requirements.
2. Identify organic/non-organic transportation capabilities.
3. Coordinate FDP&E.
4. Monitor TPFDD products.
5. Coordinate movement planning.
6. Coordinate with movement control agencies.
7. Coordinate LFSP operations.
8. Coordinate landing support operations.
9. Coordinate air delivery operations.
10. Coordinate helicopter support operations.
11. Coordinate beach operations.
12. Coordinate port operations.
13. Coordinate rail head operations.
14. Coordinate A/DACG operation.
15. Plan/coordinate convoy operations.
16. Direct motor transport operations.
17. Coordinate MHE support operations.

REFERENCES:

1. DOD 4500.9-R Defense Transportation Regulation (DTR)
2. FMFM 4-1 Combat Service Support Operations (PCN 13900027300)
3. FMFM 4-3 MAGTF Landing Support Operations
4. FMFM 4-6 Movement of Units in Air Force Aircraft
5. JP 3-02 Joint Doctrine for Amphibious Operations
6. JP 3-02.1 Landing Force Operations
7. JP 3-02.2 Joint Doctrine for Amphibious Embarkation
8. MCO P4030.19_ Preparing Hazardous Materials for Military Air Shipments
9. MCRP 4-11.3G Unit Embarkation Handbook
10. MCRP 4-23E Multiservice Helo Sling Load Basic Operations and Equipment
11. MCWP 3-31.5 Ship-to-Shore Movement
12. MCWP 3-32 Maritime Prepositioning Force Operations
13. MCWP 4-11.3 Transportation Operations

0491-C2-2005: Coordinate maintenance support

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0491

GRADES: GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given the operation order, commander's guidance, resources, and the requirement to support a MAGTF.

STANDARD: Ensuring maintenance support, when integrated with the other functional areas of logistics, satisfies the unit's mission.

PERFORMANCE STEPS:

1. Identify maintenance requirements.
2. Identify maintenance capabilities.
3. Organize maintenance support to sustain scheme of maneuver.
4. Manage maintenance actions.
5. Monitor equipment readiness.
6. Monitor equipment reporting.
7. Coordinate intermediate maintenance support.
8. Identify field service representative capabilities/requirements.
9. Coordinate vehicle recovery operations.
10. Coordinate principal end item (PEI) rotation plan.

REFERENCES:

1. MCWP 4-11.4 Maintenance Operations
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0491-C2-2006: Coordinate supply support

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0491

GRADES: GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a requirement, personnel, and equipment.

STANDARD: Ensuring supply support, when integrated with the other functional areas of logistics, satisfies the unit's mission.

PERFORMANCE STEPS:

1. Identify requirements.
2. Identify organic/non-organic supply support capabilities/limitations.
3. Manage an operational deployment block in support of MAGTF operations.
4. Plan initial and sustainment supply requirements.
5. Facilitate MAGTF Distribution Management Operations (DMO).
6. Identify organic distribution capabilities/limitations.
7. Manage reporting requirements.
8. Monitor MAGTF equipment accountability.
9. Monitor a unit's budget.
10. Determine contracting support requirements.
11. Support planning for aviation peculiar ground logistics supply support.

REFERENCES:

1. MCWP 4-11.7 MAGTF Supply Operations
-

0491-C2-2007: Coordinate services support

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0491

GRADES: GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given the operation order, commander's guidance, resources, and the requirement to support a MAGTF.

STANDARD: Ensuring services support, when integrated with the other functional areas of logistics, satisfies the unit's mission.

PERFORMANCE STEPS:

1. Identify combat service support services capabilities.
2. Identify command services capabilities.
3. Identify the requirement for combat service support services.
4. Identify the requirement for command services.
5. Coordinate/plan the employment of combat service support services.

REFERENCES:

1. MCWP 4-11.8 Services in an Expeditionary Environment
-

0491-C2-2008: Coordinate general engineering support

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: General engineering comprises those engineer tasks that establish and maintain the infrastructure required to conduct and sustain military operations.

MOS PERFORMING: 0491

GRADES: GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given higher's operations order, commander's guidance, resources, while operating in a joint, coalition, inter-agency environment, as part of a MAGTF, provided with supported unit requirements and given priorities of engineer effort.

STANDARD: Tasking and resourcing engineers to establish the infrastructure necessary to conduct and sustain MAGTF operations.

PERFORMANCE STEPS:

1. Identify engineer mission requirements.
2. Identify organic/non-organic general engineering capabilities.
3. Identify MAGTF engineer command and support relationships.

4. Identify employment considerations for general engineering.
5. Coordinate engineer shortfalls (TO&E).
6. Manage CL IV materials.
7. Support the integration of engineer planning products into the Marine Corps Planning Process (MCPPE).
8. Integrate engineer information into appropriate C2 systems and collaborative tools within the COC.

REFERENCES:

1. JP 3-34 Engineer Doctrine for Joint Operations
2. MCWP 3-17 Engineer Operations
3. MCWP 4-11 Tactical-Level Logistics
4. MCWP 5-1 Marine Corps Planning Process (MCPPE)

SUPPORT REQUIREMENTS:

OTHER SUPPORT REQUIREMENTS: Internet access, with a CAC, may be required in order to complete this event.

0491-C2-2009: Coordinate a unit move

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: This event covers operational deployments and deployments for training.

MOS PERFORMING: 0491

GRADES: GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a requirement to deploy across the ROMO.

STANDARD: Ensuring units arrive mission capable in an area of operations.

PERFORMANCE STEPS:

1. Conduct movement training for unit personnel.
2. Train/certify personnel for the submission of AIS products.
3. Determine support requirement.
4. Support development of the embarkation plan.
5. Determine lift requirements.
6. Execute the embarkation plan.
7. Coordinate RSO&I.
8. Ensure equipment and cargo is prepared/certified for embarkation.
9. Coordinate with movement control organizations.
10. Supervise the submission of transportation requirements.
11. Supervise the submission of AIS data.
12. Track intra-/inter-theater movement.
13. Disseminate a movement schedule.
14. Conduct the movement.

REFERENCES:

1. AAR American Association of Railroads
2. CFR 49 PARTS 100-185 Code of Federal Regulations - Transportation
3. JP 3-02.2 Joint Doctrine for Amphibious Embarkation
4. MCO 4500.9 Defense Transportation Regulations
5. MCO P4030.19_ Preparing Hazardous Materials for Military Air Shipments
6. MDSS II HM MAGTF Deployment Support System, User's Help Manual

0491-TRNG-2001: Manage unit training

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0491

GRADES: GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a unit, commander's guidance, METL, T&R manuals, required external support and equipment, and references.

STANDARD: Ensuring units are trained to support mission requirements.

PERFORMANCE STEPS:

1. Develop training that supports subordinate units' METL.
2. Determine and procure requirements that support the training plan.
3. Determine training tasks.
4. Identify and request the required resources.
5. Prepare a training concept.
6. Supervise the training objectives.
7. Review lessons learned/after action reports.
8. Integrate logistical support and C2 into training plan.
9. Incorporate ORM into the training plan.
10. Conduct the instruction.
11. Prepare combat SOP.
12. Prepare and prioritize mission specific requirements.
13. Create a pre-deployment training plan.
14. Execute training, evaluation, and remediation.
15. Evaluate training.
16. Plan for remediation as required.
17. Update individual training records.
18. Provide inputs and oversight of the DRRS report.
19. Develop and implement validation of combat SOP.
20. Supervise the remediation plans.
21. Produce lessons learned/after action report.

REFERENCES:

1. MCO 1553.1A The Systems Approach to Training
 2. MCRP 3-0A Unit Training Management Guide
 3. MCRP 3-0B How to Conduct Training
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CHAPTER 15

ELI INDIVIDUAL EVENTS

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LOG T&R MANUAL

CHAPTER 15

ELI INDIVIDUAL EVENTS

15000. PURPOSE. This chapter details the individual events that pertain to expeditionary logistics instructors (ELI). Each individual event provides an event title, along with the conditions events will be performed under, and the standard to which the event must be performed to be successful.

15001. EVENT CODING. Events in this T&R Manual are depicted with an up to 12-digit, 3-field alphanumeric system (i.e., XXXX-XXXX-XXXX). This chapter utilizes the following methodology:

a. Field one. This field represents the community. This chapter contains the following community codes:

<u>Code</u>	<u>Description</u>
LOG	Logistics

b. Field two. This field represents the functional/duty area. This chapter contains the following functional/duty areas:

<u>Code</u>	<u>Description</u>
ELI	Expeditionary Logistics Instructor

c. Field three. This field provides the level at which the event is accomplished and numerical sequencing of events. This chapter contains the following event levels:

<u>Code</u>	<u>Description</u>
2500	Advanced Core Plus Skills, Formal

15002. INDEX OF EVENTS

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15003. 2000-LEVEL EVENTS

LOG-ELI-2501: Direct the garrison functions of the operations section

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0402, 1302, 3002

BILLETS: Operations Officer

GRADES: Capt, Maj, LtCol

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a ground logistics unit, information systems, applicable references, and commander's guidance.

STANDARD: Ensuring mission accomplishment through unit readiness.

PERFORMANCE STEPS:

1. Supervise the mentoring program.
2. Supervise Range Officer In Charge/Range Safety Officer (ROIC/RSO) Program.
3. Supervise unit's education programs.
4. Supervise special events.

5. Coordinate unit ceremonies.
6. Supervise the coordination of the Anti-Terrorism/Force Protection (AT/FP) program with the Anti-Terrorism Officer (ATO).
7. Supervise the management of files, directives and publications.
8. Supervise the management of the operations section consolidated memorandum receipt (CMR).
9. Supervise the operations section budget.
10. Ensure compliance with the applicable elements of the Commanding General's Inspection Program (CGIP).

REFERENCES:

1. MCO 1500.52_ Marine Corps Water Survival Training (MCWST) Program
2. MCO 1500.58_ Marine Corps Mentoring Program (MCMP)
3. MCO 1500.59_ Marine Corps Martial Arts Program
4. MCO 1550.26 Policies and Procedures Governing Marine Corps Institute (MCI) Training and Education Product Development
5. MCO P1510.94_ Standing Operating Procedures for Resident Professional Military Education (PME)
6. MCO 1553.3_ Unit Training Management (UTM) Program
7. MCO 3000.13_ Marine Corps Readiness Reporting Standing Operating Procedures
8. MCO 3400.3_ CBRN Defense Training Requirements
9. MCO 3500.27_ Operational Risk Management (ORM)
10. MCO 3570.1_ Range Safety
11. MCO 3574.2_ Marine Corps Combat Marksmanship Program
12. MCO 5215.1_ Marine Corps Directives Management Program
13. MCO P5750.7_ Manual for the Marine Corps Historical Program
14. MCO 6100.13_1 Marine Corps Physical Fitness Program
15. MCO 6110.3 Marine Corps Body Composition Program and Military Appearance Program
16. NAVMC 2927 Antiterrorism/Force Protection Campaign Plan

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Learning Outcome: ELIs will be able to incorporate requirements, applicable references, and programs to ensure unit readiness.

1. The management of the CGIP includes oversight of the following programs which have historically been the responsibility of the operations section: Physical Fitness, Body Composition, Marksmanship, MCMAP, Water Safety, Distance PME, MCI, Information Management, Lifelong Learning Program, and Command Historian.

2. While ceremonies are typically under the purview of the senior enlisted advisor to the commanding officer, the operations section has a responsibility to coordinate all external requirements, and publish LOIs.

3. The coordination of special events (e.g., field meets, Jane Wayne Day, etc.) is typically the responsibility of the operations section, at the command's discretion.

LOG-ELI-2502: Manage Unit Readiness Planning (URP)

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0402, 3002, 1302

GRADES: Capt, Maj, LtCol

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a higher headquarters training plan, commander's guidance, available resources, training management systems, historical lessons learned, references, and all elements of a ground logistics unit.

STANDARD: Preparing a unit to be capable of accomplishing assigned tasks while within a MAGTF, in a JIIM construct across the ROMO in an expeditionary environment.

PERFORMANCE STEPS:

1. Analyze applicable training and readiness (T&R) manuals.
2. Develop unit's mission essential task list (METL).
3. Draft unit's restated mission statement as required.
4. Determine unit's proficiency.
5. Identify resources available for training.
6. Develop training strategy.
7. Develop URP assessment framework.
8. Integrate historical lessons observed. (Tactical Lessons Integration Program (TLIP))
9. Assist in drafting a Commander's Training Guidance.
10. Develop Unit Readiness Plan. (Training Plans)
11. Issue the Unit Readiness Plan. (Training Plans)
12. Oversee the development of detailed schedule encompassing training, maintenance, and operations.
13. Allocate resources according to the detailed schedule.
14. Develop letters of instruction (LOIs), operations orders, and briefs, as required.
15. Develop evaluation plan.
16. Develop performance evaluation checklist (PECL).
17. Develop execution checklists.
18. Assign evaluators for E-coded and commander designated events.
19. Support training.
20. Supervise unit's Tactical Lessons Integration Program (TLIP).
21. Assess training based on developed framework.
22. Revise plans and orders based on URP assessment.
23. Develop unit training standing operations procedures (SOPs).
24. Supervise the development of electronic training jackets via training management systems.
25. Supervise the development of readiness reports via the readiness reporting system.

REFERENCES:

1. MCO 1553.3_ (Unit Training Management (UTM) Program)

2. MCO 3000.13_ Marine Corps Readiness Reporting Standing Operating Procedures
3. MCO 3500.110 Policies and Guidance for METL Development, Review, Approval, Publication and Maintenance
4. MCRP 3-0A Unit Training Management Guide
5. MCRP 3-0B How to Conduct Training
6. MCWP 5-1 Marine Corps Planning Process (MCP)

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Learning Outcome: ELIs are master training designers able to implement and conduct URP in a manner that maximizes training results and focuses the training priorities of the unit in preparation for its missions across the range of military operations.

1. Training plans refers to short, mid, and long range training plans.

LOG-ELI-2503: Develop unit standing operating procedures (SOPs)/policies

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 24 months

MOS PERFORMING: 0402, 3002, 1302

BILLETS: Operations Officer

GRADES: Capt, Maj, LtCol

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a higher headquarters SOP, commander's guidance, available resources, information systems, historical lessons learned, references, and all elements of a ground logistics unit.

STANDARD: Preparing a unit to be capable of interoperability with other units, organizations, and entities while accomplishing assigned tasks within a MAGTF, in a JIIM construct across the ROMO in an expeditionary environment.

PERFORMANCE STEPS:

1. Review current internal and external units' procedures and policies.
2. Analyze doctrine, higher headquarters' SOPs, best practices and lessons learned.
3. Identify activities requiring standardization, for incorporation into the unit SOPs.
4. Incorporate best practices and lessons learned into the unit SOPs.
5. Develop unit procedures which integrate all functional areas of tactical logistics with the other warfighting functions based upon doctrine, selected best practices, and lessons learned.
6. Draft unit SOPs.
7. Validate unit SOPs.
8. Refine unit SOPs.
9. Publish unit SOPs.

10. Update unit SOPs as required.
11. Exchange best practices, lessons observed, and lessons learned with appropriate organizations (e.g., MCLOG, MCCLL, JIEDDO, etc.).

REFERENCES:

1. FM 5-0.1 The Operations Process
2. MCDP 1-0 Marine Corps Operations
3. MCDP 1-3 Tactics
4. MCO 1553.3_ (Unit Training Management (UTM) Program)
5. MCO 3504.1 Marine Corps Lessons Learned Program (MCLLP) and the Marine Corps Center for Lessons Learned (MCCLL)
6. MCWP 3-40.1 MAGTF Command and Control
7. MCWP 3-40.2 Information Management
8. MCWP 4-1 Logistics Operations
9. MCWP 4-11 Tactical Level Logistics
10. MCWP 5-1 Marine Corps Planning Process (MCP)
11. MSTP Pamphlet 6-9 Assessment

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Learning Outcome: ELIs are proponents of procedural standardization and training to enable integration and interoperability with applicable organizations. ELIs are able to develop unit operations, and training and readiness (T&R) SOPs aligned with higher headquarters SOPs and applicable orders as an advocate of best practices and lessons learned.

LOG-ELI-2504: Assess the execution of training and operations

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0402, 3002, 1302

BILLETS: Operations Officer

GRADES: Capt, Maj, LtCol

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given all elements of a ground logistics unit within a MAGTF, in a JIIM construct across the ROMO in an expeditionary environment, information systems, available resources, higher headquarters' operational or training plan, commander's guidance, and references.

STANDARD: Implementing adjustments to the plan and ensuring mission accomplishment.

PERFORMANCE STEPS:

1. Determine which essential elements of a plan to assess.
2. Determine desired outcome for the selected essential elements of the plan.
3. Develop assessment framework.

4. Nest assessment with higher, adjacent, and supported units.
5. Develop criteria to assess changes in system behavior, capability, or operational environment to measure mission accomplishment. (Measure of Effectiveness)
6. Develop criteria to measure task accomplishment. (Measure of Performance)
7. Develop metrics for criteria.
8. Supervise collections of metric data and observations.
9. Analyze metric data and observations.
10. Synthesize metric data and observations.
11. Measure performance of assigned tasks in support of the assigned mission.
12. Measure the unit's effectiveness towards accomplishing the mission.
13. Determine if plan is valid.
14. Adjust actions as necessary.
15. Supervise the incorporation of lessons observed into the Tactical Lessons Integration Program (TLIP).
16. Re-assess as necessary.

REFERENCES:

1. FM 5-0.1 The Operations Process
2. JP 2-01.3 Joint Intelligence Preparation of the Operational Environment.
3. MCDP 1-0 Marine Corps Operations
4. MCO 1553.3_ Unit Training Management Program
5. MCO 3000.13_ Marine Corps Readiness Reporting Standing Operating Procedures
6. MCWP 3-40.2 Information Management
7. MCWP 5-1 Marine Corps Planning Process (MCP)
8. MSTP Pamphlet 6-9 Assessment

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Learning Outcome: ELIs are skilled in the art and science of developing assessment methodologies and assessing the execution of training and operational plans facilitating mission accomplishment through a thorough understanding of an assessment cycle.

LOG-ELI-2505: Develop logistics plans

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0402, 3002, 1302

BILLETS: Operations Officer

GRADES: Capt, Maj, LtCol

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an assigned mission or identified problem, all elements of a ground logistics unit within a MAGTF, in a JIIM construct across the ROMO in an expeditionary environment, information systems, necessary resources, higher headquarters' order, commander's guidance, and references.

STANDARD: Accomplishing the assigned mission or identified problem in accordance with the commander's intent.

PERFORMANCE STEPS:

1. Analyze commander's orientation.
2. Determine time available.
3. Determine planning methodology, tools, and resources.
4. Determine the operational planning team (OPT) composition, roles and responsibilities.
5. Direct the development of the Intelligence Preparation of the Battlefield (IPB).
6. Frame the problem.
7. Conduct physical network analysis.
8. Communicate results to higher, adjacent, subordinate and supported units.
9. Identify capabilities and limitations of the six functions of logistics within the ground logistics unit.
10. Analyze joint, multinational, and host nation logistical support capabilities and limitations.
11. Analyze capabilities and limitations of the six warfighting functions and their applicability to the ground logistics unit.
12. Determine essential elements of the mission and their desired outcomes in support of mission accomplishment.
13. Develop mission statement.
14. Issue warning order.
15. Develop problem solution(s) (COA(s)).
16. Identify branches and sequels.
17. Determine task organization and command and support relationships.
18. Determine requirements for assigned battlespace.
19. Refine the problem solution(s). (Wargaming)
20. Identify branches and sequels during Wargaming.
21. Recommend the best problem solution. (COA Comparison & Decision)
22. Issue updated Warning Order.
23. Refine the plan. (Orders Development)
24. Develop coordination mechanisms (Orders Development).
25. Develop methodology to assess the execution of the plan. (Orders Development and Assessment).
26. Crosswalk developed plans internally.
27. Reconcile developed plans with higher, adjacent, supporting, and supported organizations.
28. Determine required preparations for transition to execution. (Orders Development and Transition)
29. Develop branches and sequels.
30. Issue the order. (Transition)

REFERENCES:

1. MCWP 5-1 Marine Corps Planning Process (MCP)

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Learning Outcome: ELIs are skilled in the art and science of employing the MCP to integrate all functional areas of tactical logistics with the other warfighting functions in support of MAGTF

operations. ELIs can confidently lead an OPT and provide instruction and guidance to the unit on the MCPP.

LOG-ELI-2506: Integrate the functions of logistics with the warfighting functions

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0402, 3002, 1302

BILLETS: Operations Officer

GRADES: Capt, Maj, LtCol

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given all elements of a ground logistics unit operating within a MAGTF, in a JIIM construct across the ROMO, information systems, necessary resources, higher headquarters' order, commander's guidance, and references.

STANDARD: Providing efficient and effective logistics support enhancing the capability of the supported unit.

PERFORMANCE STEPS:

1. Analyze higher headquarters operational processes (i.e., Planning, Decision, Execution, and Assessment (PDEA) Cycle).
2. Identify capabilities, limitations, and interrelationships of the six functions of logistics within the ground logistics unit.
3. Identify capabilities, limitations, and interrelationships of the six functions of logistics across friendly forces.
4. Identify the capabilities, limitations, and interrelationships of the warfighting functions within the ground logistics unit.
5. Identify the capabilities, limitations, and interrelationships of the warfighting functions across friendly forces.
6. Identify the cycle or required frequency of decisions to support the integration of logistics into the operational process.
7. Develop an operations process that supports integration based on the cycle or required frequency for decisions. (e.g., the desired plans-future operations-current operations cycle).
8. Identify appropriate means of processing information to make decisions in support of the operations process (e.g., informal briefs, formal briefs, working groups, boards, etc.).
9. Identify inputs into the identified decision making processes.
10. Identify activities that process the inputs of the decision making processes.
11. Transition outputs, as necessary, to support decision making. (e.g., outputs of working groups may become inputs to a board).
12. Develop battle rhythm based upon identified means of processing information to make decisions in support of the operations process.
13. Prioritize competing support requirements.
14. Identify enabling operations.

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15. Identify emerging internal and external support requirements.
16. Exploit opportunities for efficiency.
17. Consolidate support requirements when possible.
18. Support higher headquarters', adjacent units', and supporting units' operations processes. (e.g., liaison officers, subject matter experts, planners, etc.).
19. Enhance supported unit's organic logistics capabilities, as required.
20. Leverage logistics capabilities across friendly forces to support the supported unit.
21. Enhance the ground logistic unit's capabilities across the warfighting functions through the sourcing of external support, as required.
22. Direct the geographic location(s) and composition(s) of integrated logistics resources in support of operations.

REFERENCES:

1. JP 4-0 Joint Logistics
2. MCDP 1 Warfighting
3. MCDP 1-0 Marine Corps Operations
4. MCDP 2 Intelligence
5. MCDP 4 Logistics
6. MCDP 5 Planning
7. MCDP 6 Command and Control
8. MCWP 3-1 Ground Combat Operations
9. MCWP 3-40.1 MAGTF Command and Control
10. MCWP 4-11 Tactical-Level Logistics
11. MCWP 5-1 Marine Corps Planning Process
12. MSTP Pam 4-0.2 A Logistics Planners Guide

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Learning Outcome: ELIs are skilled in the art and science of planning and executing integrated logistics operations through a thorough understanding of the capabilities, limitations, and interrelationships of the warfighting functions and the six functions of logistics across friendly forces to enhance the capabilities and capacities of the supported unit(s).

LOG-ELI-2507: Implement expeditionary logistics support plans

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0402, 3002, 1302

BILLETS: Operations Officer

GRADES: Capt, Maj, LtCol

INITIAL TRAINING SETTING: FORMAL

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CONDITION: Given developed plans, all elements of a ground logistics unit within a MAGTF, in a JIIM construct across the ROMO, information systems, necessary resources, higher headquarters' order, CCIRs, and references.

STANDARD: Accomplishing the mission in accordance with commander's intent.

PERFORMANCE STEPS:

1. Implement commander's orders, guidance and decisions.
2. Coordinate the actions of the battle staff throughout the forward, main and rear tactical logistics operation centers (TLOCs).
3. Coordinate with higher, adjacent, subordinate and supported units and organizations.
4. Recommend appropriate force protection posture based upon evaluation of the current tactical situation (e.g., mission-oriented protective posture (MOPP), air defense, rules of engagement (ROE), and readiness conditions/alert status).
5. Develop an operations section battle rhythm nested within higher headquarters battle rhythm which supports the commander's decision making process.
6. Prepare operational reports and orders.
7. Transmit operational reports to higher, adjacent, subordinate and supported units and organizations.
8. Maintain total asset visibility.
9. Maintain a current estimate of the situation through the common tactical picture (CTP).
10. Direct the geographic location(s) and composition(s) of logistics resources in support of the scheme of maneuver.
11. Identify enabling operations.
12. Identify emerging internal and external support requirements.
13. Develop branches and sequels as required.
14. Execute branches and sequels as required.
15. Exploit opportunities for efficiency.
16. Consolidate support requirements when possible.
17. Prioritize competing support requirements.
18. Assess the execution of assigned tasks (measure of performance) ISO mission accomplishment.
19. Assess mission accomplishment (measure of effectiveness).

REFERENCES:

1. MCDP 1-3 Tactics
2. MCWP 3-17 Engineering Operations
3. MCWP 3-40.1 MAGTF Command and Control
4. MCWP 3-40.2 Information Management
5. MCWP 4-6 MAGTF Supply Operations
6. MCWP 4-11 Tactical Logistics
7. MCWP 4-11.1 Health Services Support Operations
8. MCWP 4-11.3 Transportation Operations
9. MCWP 4-11.4 Maintenance Operations
10. MCWP 4-1 Logistics Operations
11. MCWP 4-11.8 Services in an Expeditionary Environment
12. MCWP 5-1 Marine Corps Planning Process (MCPP)

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Learning Outcome: ELIs are skilled in the art and science of integrating all functional areas of tactical logistics with the other warfighting functions in support of MAGTF operations.

1. The common tactical picture CTP is an accurate and complete display of relevant tactical information integrated from all available sources.
2. Planning methodology must achieve the necessary level of creativity and/or efficiency to properly frame and solve the problem within available resource constraints.

LOG-ELI-2508: Coordinate Unit Force Deployment Planning and Execution (FDP&E)

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0402, 1302, 3002

BILLETS: Operations Officer

GRADES: CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a requirement to deploy in support of expeditionary operations to conduct missions across the ROMO in an expeditionary environment, operational plans, and all elements of a ground logistics unit within a MAGTF, in a JIIM construct, information systems, necessary resources, higher headquarters' order, commander's guidance, and references.

STANDARD: Ensuring that units arrive mission capable in area(s) of operations.

PERFORMANCE STEPS:

1. Analyze the operations order, commander's guidance, and higher headquarters correspondence.
2. Ensure key personnel are trained and qualified to accomplish critical unit deployment-related tasks.
3. Direct the development of force deployment data.
4. Coordinate local and inter-theater movement planning.
5. Determine organic and non-organic lift requirements.
6. Coordinate with movement control organizations.
7. Coordinate with terminal operations organizations to determine requirements.
8. Supervise the timely and accurate submission of transportation requirements to higher headquarters.
9. Validate the movement plan.
10. Coordinate FDP&E.
11. Validate Time Phased Force Deployment Data (TPFDD) products.
12. Develop the movement schedule and coordinating instructions for the unit.

13. Coordinate en route support, reception, staging, onward movement, and integration (RSO&I).
14. Coordinate the preparation of equipment and cargo for embarkation.
15. Coordinate the certification of equipment and cargo for embarkation.
16. Supervise unit marshaling and movement operations.

REFERENCES:

1. CJCSM 3122.02_ Joint Operations Planning and Execution System (JOPES) Volume III
2. JP 3-02 Joint Amphibious Operations
3. JP 3-02.1 Amphibious Embarkation and Debarkation
4. JP 3-35 Joint Deployment and Redeployment Operations
5. JP 4-01.8 JTTP for Joint Reception, Staging, Onward Movement, and Integration (RSO&I)
6. MCO 3000.18_ Force Deployment Planning and Execution
7. MCRP 4-11.3G Unit Embarkation Handbook
8. MCWP 3-31.5 Ship to Shore Movement
9. MCWP 4-11 Tactical Level Logistics
10. MCWP 4-11.3 Transportation Operations
11. MCWP 4-11.7 Logistics Operations
12. MCWP 5-1 Marine Corps Planning Process (MCPPE)
13. MCWP 3-40.1 MAGTF Command and Control
14. MSTP 5-0.3 MAGTF Planner's Reference Manual
15. MSTP PAM 4-0.2 Logistics Planner's Guide

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Learning Outcome: ELIs are able to facilitate the FDP&E process through a thorough understanding of mobility considerations applicable to unit deployments.

1. This event will cover operational deployments or deployments for training.

2. The term "coordinate" in the above performance steps refers to tasks which the operations officer is responsible for overseeing; these tasks are performed by internal or higher headquarters staff sections.

LOG-ELI-2509: Support MAGTF expeditionary operations

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 24 months

MOS PERFORMING: 0402, 3002, 1302

BILLETS: Operations Officer

GRADES: Capt, Maj, LtCol

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given all elements of a ground logistics unit within a MAGTF, in a JIIM construct across the ROMO in an expeditionary environment, information systems, necessary resources, higher headquarters' order, commander's guidance, and references.

STANDARD: Supporting the projection of power in the accomplishment of national military strategic aims.

PERFORMANCE STEPS:

1. Develop a ground logistics expeditionary force-in-readiness capable of deploying and sustaining expeditionary forces.
2. Develop a ground logistics unit capable of supporting an air contingency force, as required.
3. Develop the capability to serve as the ground logistics unit for a Maritime Prepositioning Force operation, as required.
4. Develop the capability to serve as the ground logistics unit in support of an air assault, as required.
5. Develop the capability to serve as the ground logistics unit for an Amphibious Operation, as required.
6. Identify requirements for supporting the Force Deployment Planning and Execution of various scalable expeditionary forces.
7. Support the Force Deployment Planning and Execution of a scalable expeditionary force.
8. Develop plans to sustain an expeditionary force.
9. Task-organize forces to deploy in support of expeditionary operations.
10. Establish relationships with external organizations providing strategic and operational mobility and sustainment to the expeditionary force.
11. Support the deployment of an expeditionary force.
12. Establish forward operating locations from which to sustain expeditionary operations.
13. Sustain expeditionary operations.
14. Prepare for the arrival and assembly of follow-on forces, as required.
15. Support the expansion of the expeditionary force while sustaining operations, as required.
16. Support the reduction of the expeditionary force while sustaining operations, as required.
17. Support the redeployment of the expeditionary force while sustaining operations, as required.
18. Support the reconstitution of the expeditionary force while sustaining operations, as required.

REFERENCES:

1. JP 3-02 Joint Doctrine for Amphibious Operations
2. MCDP 1 Warfighting
3. MCDP 3 Expeditionary Operations
4. MCWP 3-40.1 MAGTF Command and Control
5. MCWP 3-40.2 Information Management
6. MCWP 4-1 Logistics Operations
7. MCWP 4-11 Tactical Logistics
8. MCWP 5-1 Marine Corps Planning Process (MCP)

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Learning Outcome: ELIs are skilled in the art and science of developing ground logistics units capable of deploying and sustaining interoperable expeditionary combined arms forces across the range of military operations in support of national military strategy.

Expeditionary combined arms forces may include other Services.

LOG-ELI-2510: Support amphibious operations

EVALUATION CODED: NO

SUSTAINMENT INTERVAL: 24 months

MOS PERFORMING: 0402, 1302, 3002

BILLET: Operations Officer

GRADE: Capt, Maj, LtCol

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given all elements of a ground logistics unit within a MAGTF, in a JIIM construct across the ROMO in an expeditionary environment, information systems, necessary resources, higher headquarters' order, commander's guidance, and references.

STANDARD: Accomplishing the mission in accordance with the landing plan, commander's intent, and concept of operations.

PERFORMANCE STEPS:

1. Analyze the operations order, commander's guidance, and higher headquarters correspondence.
2. Validate the Ship's Loading Characteristics Pamphlet (SLCP) and Troop Regulations against unit requirements.
3. Support the external planning effort for amphibious operations.
4. Lead the unit's planning for amphibious operations.
5. Determine unit's task organization and command and support relationships
6. Assist in organization for embarkation and assignment to shipping planning.
7. Determine embarkation personnel and equipment requirements.
8. Identify critical logistics planning considerations involved with loading, operating from and offloading from amphibious ships.
9. Analyze the Naval Logistics Integration (NLI) plan.
10. Assist in the physical network analysis of the beaches, helicopter landing zones (HLZs) and infrastructure in the amphibious area of operations.
11. Coordinate supporting and special attachments for the Shore Party Group and helicopter support teams (HSTs).
12. Coordinate the unit's requirements for ship-to-shore movement.
13. Assist in the development of the landing plan.
14. Assist in landing force sustainment planning.
15. Integrate the unit's communications plan with higher, adjacent, subordinate, and supported units' plans.
16. Assist in development of the prepositioned emergency supplies plan.

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17. Assist in development of the landing force support party plan.
18. Develop the beach support area (BSA) plan.
19. Assist in the development of higher headquarters' annexes to the operations order.
20. Supervise the development of required planning documents.
21. Validate embarkation plans.
22. Direct the organization and operations of the LCE alternate TACLOG (formally known as the afloat combat service support operations center (CSSOC)), as applicable.
23. Coordinate actions with the MAGTF TACLOG, as applicable.
24. Troubleshoot the execution of the landing plan.
25. Supervise the ship-to-shore sustainment plan.
26. Monitor requests for logistical support to the MAGTF TACLOG during ship-to-shore movement.
27. Track requests for logistical support and the build-up of supplies ashore as the landing progresses.

REFERENCES:

1. CJCSM 3122.02_ Joint Operations Planning and Execution System (JOPES) Volume III
2. JP 3-02.1 Amphibious Embarkation and Debarkation
3. JP 3-02.2 Joint Doctrine for Amphibious Embarkation
4. JP 3-35 Joint Deployment and Redeployment Operations
5. JP 4-01.8 JTTP for Joint Reception, Staging, Onward Movement, and Integration
6. MCO 3000.18_ Force Deployment Planning and Execution
7. MCRP 4-11.3G Unit Embarkation Reference Manual
8. MCWP 3-31.5 Ship to Shore Movement
9. MCWP 3-40.1 MAGTF Command and Control
10. MCWP 4-11 Tactical Level Logistics
11. MCWP 4-11.3 Transportation Operations
12. MCWP 5-01 Marine Corps Planning Process
13. MSTP 5-0.3 MAGTF Planner's Handbook
14. MSTP PAM 4-0.2 Logistics Planner's Guide

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Learning Outcome: ELIs are able to plan and execute tactical logistics in support of MAGTF amphibious operations through a detailed understanding of their roles and responsibilities with regards to: landing plan development, landing force sustainment, ship to shore movement, and other supporting units (e.g., beach master unit (BMU)).

1. In this task the ELI supports the MAGTF's planning and operational order development; the MAGTF's higher headquarters' operational order will be provided.

LOG-ELI-2511: Support maritime prepositioning force (MPF) operations

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 24 months

MOS PERFORMING: 0402, 1302, 3002

BILLETS: Operations Officer

GRADES: CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given all elements of a ground logistics unit within a MAGTF, in a JIIM construct across the ROMO in an expeditionary environment, information systems, necessary resources, higher headquarters' order, commander's guidance, and references.

STANDARD: Accomplishing the mission in accordance with the arrival and assembly plan, the operations order and commander's intent.

PERFORMANCE STEPS:

1. Analyze higher headquarters operations order.
2. Perform physical network analysis.
3. Assist in the external planning effort for the logistical support of the MPF operation.
4. Lead the unit's planning for MPF operations.
5. Task-organize the unit to meet command and support relationship requirements.
6. Assist in the development of the arrival and assembly plan.
7. Assist in MAGTF sustainment planning.
8. Support requirements for the survey liaison reconnaissance party (SLRP).
9. Support requirements for the offload preparation party (OPP).
10. Support requirements for the debarkation teams.
11. Support requirements for the arrival and assembly operations group (AAOG).
12. Establish the landing force support party (LFSP).
13. Integrate terminal organizations' operations.
14. Develop the transportation and throughput plan.
15. Supervise the development of logistics-related diagrams and planning documents as required.
16. Integrate the unit's communications plan with higher, adjacent, subordinate and supported units' plans.
17. Supervise the operations of the container operations terminal as required.
18. Monitor requests for logistical support to the LFSP during MPF offload.
19. Fulfill sustainment requirements.
20. Supervise fly-in echelon and strategic movement support requirements.
21. Supervise unit assembly, equipment reception, and onward movement support requirements.
22. Supervise the timely and accurate submission of required reports to MPF command and control agencies as directed.
23. Supervise accountability of MPF assets as required.
24. Supervise internal and external maintenance support requirements.
25. Assist in regeneration planning as required.
26. Support higher headquarters' redeployment operations.
27. Plan unit redeployment.
28. Coordinate wash-down and agricultural inspection requirements with higher headquarters as required.

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29. Direct wash-down, agricultural inspection, and final staging of supplies and equipment for backload aboard MPF shipping.

REFERENCES:

1. JP 3-02.1 Amphibious Embarkation and Debarkation
2. JP 4-01.6 Joint Logistics Over-the-Shore
3. MCO P3000.17_ Maritime Prepositioning Force (MPF) Planning and Policy Manual
4. MCRP 4-11.3G Unit Embarkation Handbook
5. MCWP 3-31.5 Ship to Shore Movement
6. MCWP 3-32 Prepositioning Force (MPF) Operations
7. MCWP 3-40.1 MAGTF Command and Control
8. MCWP 4-1 Logistics Operations
9. MCWP 4-11 Tactical Level Logistics
10. MCWP 4.11.3 Transportation Operations
11. MCWP 5-1 Marine Corps Planning Process
12. MSTP 5-0.3 MAGTF Planner's Reference Manual
13. NWP 22-10 MPF Operations
14. OH 1-5-1 Tri-MEF Maritime Prepositioning Force Standing Operating Procedures

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Learning Outcome: ELIs are able to plan and execute logistics support of MPF operations through a detailed understanding of their units' roles and responsibilities throughout each phase of MPF operations.

LOG-ELI-2512: Conduct the garrison functions of the operations section

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451, 0491, 1371, 2181, 3043, 3537

BILLETS: Operations Chief

GRADES: GySgt, MSgt, MGySgt

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a ground logistics unit, information systems, applicable references, and commander's guidance.

STANDARD: Ensuring mission accomplishment through unit readiness.

PERFORMANCE STEPS:

1. Manage the mentoring program.
2. Manage Range Officer In Charge/Range Safety Officer (ROIC/RSO) Program.
3. Manage unit's education programs.
4. Manage special events.
5. Coordinate unit ceremonies.

6. Coordinate the Anti-Terrorism/Force Protection (AT/FP) program with the Anti-Terrorism Officer (ATO).
7. Manage files, directives and publications.
8. Manage the operations section consolidated memorandum receipt (CMR).
9. Manage the operations section budget.
10. Manage the applicable elements of the Commanding General's Inspection Program (CGIP).

REFERENCES:

1. MCO 1500.52_ Marine Corps Water Survival Training Program
2. MCO 1500.58_ Marine Corps Mentoring Program (MCMP)
3. MCO 1500.59_ Marine Corps Martial Arts Program
4. MCO 1510.94_ SOP for Resident Enlisted Professional Military Education (PME)
5. MCO 1550.26 Marine Corps Institute (MCI) Procedures Manual
6. MCO 1553.3_ Unit Training Management
11. MCO 3000.13_ Marine Corps Readiness Reporting Standing Operating Procedures
12. MCO 3400.3_ CBRN Defense Training Requirements
13. MCO 3500.27_ Operational Risk Management (ORM)
14. MCO 3570.1_ Range Safety
15. MCO 3574.2_ Marine Corps Combat Marksmanship Program
16. MCO 5215.1_ Marine Corps Directives Management Program
17. MCO P5750.7_ Manual for the Marine Corps Historical Program
18. MCO 6100.13_ Marine Corps Physical Fitness Program
19. MCO 6110.3 Marine Corps Body Composition Program and Military
20. NAVMC 2927 Antiterrorism/Force Protection Campaign Plan

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Learning Outcome: ELIs are able to incorporate requirements, applicable references, and programs to ensure unit readiness.

1. The management of the CGIP includes oversight of the following programs which have historically been the responsibility of the Operations Section: Physical Fitness, Body Composition, Marksmanship, MCMAP, Water Safety, Distance PME, MCI, Information Management, Lifelong Learning Program, and Command Historian.
2. While ceremonies are typically under the purview of the senior enlisted advisor to the commanding officer, the operations section has a responsibility to coordinate all external requirements, and publish letters of instruction (LOIs).
3. The coordination of special events (e.g., field meets, Jane Wayne Day, etc.) is typically the responsibility of the operations section, at the command's discretion.

LOG-ELI-2513: Manage Unit Readiness Planning (URP)

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451, 0491, 1371, 2181, 3043, 3537

BILLETS: Operations Chief

GRADES: GySgt, MSgt, MGySgt

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a higher headquarters training plan, commander's guidance, available resources, training management systems, historical lessons learned, references, and all elements of a ground logistics unit.

STANDARD: Preparing a unit to be capable of accomplishing assigned tasks while within a MAGTF, in a JIIM construct across the ROMO in an expeditionary environment.

PERFORMANCE STEPS:

1. Analyze applicable training and readiness (T&R) manuals.
2. Assist in the development of the unit's mission-essential task list (METL).
3. Assist in the drafting of the unit's restated mission statement as required.
4. Determine unit's proficiency.
5. Identify resources available for training.
6. Assist in the development of the training strategy.
7. Assist in the development of the URP assessment framework.
8. Integrate historical lessons observed. (Tactical Lessons Integration Program (TLIP)).
9. Assist in drafting a Commander's Training Guidance.
10. Assist in the development of the Unit Readiness Plan. (training plans)
11. Develop detailed schedule encompassing training, maintenance, and operations.
12. Allocate resources according to the detailed schedule.
13. Develop letters of instruction (LOIs), operations orders, and briefs, as directed.
14. Assist in the development of the evaluation plan.
15. Assist in the development of the performance evaluation checklist (PECL).
16. Develop execution checklists.
17. Supervise evaluators for E-coded and commander designated events.
18. Support training.
19. Manage unit's Tactical Lessons Integration Program (TLIP).
20. Assess training based on developed framework.
21. Assist in the revision of plans and orders based on URP assessment.
22. Develop unit training standing operations procedures (SOP).
23. Manage the development of electronic training jackets via training management systems.
24. Supervise the development of readiness reports via the readiness reporting system.

REFERENCES:

1. MCO 1553.3_ (Unit Training Management (UTM) Program)

2. MCO 3000.13_ Marine Corps Readiness Reporting Standing Operating Procedures
3. MCO 3500.110 Policies and Guidance for METL Development, Review, Approval, Publication and Maintenance
4. MCRP 3-0A Unit Training Management Guide
5. MCRP 3-0B How to Conduct Training
6. MCWP 5-1 Marine Corps Planning Process (MCP)

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Learning Outcome: ELIs are master training designers able to implement and conduct Unit Readiness Planning (URP) in a manner that maximizes training results and focuses the training priorities of the unit in preparation for its missions across the range of military operations.

1. Training plans refers to short, mid, and long range training plans.

LOG-ELI-2514: Develop unit standing operating procedures (SOPs) and policies

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 24 months

MOS PERFORMING: 0451, 0491, 1371, 2181, 3043, 3537

BILLETS: Operations Chief

GRADES: GySgt, MSgt, MGySgt

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a higher headquarters SOP, commander's guidance, available resources, information systems, historical lessons learned, references, and all elements of a ground logistics unit.

STANDARD: Preparing a unit to be capable of interoperability with other units, organizations, and entities while accomplishing assigned tasks within a MAGTF, in a JIIM construct across the ROMO in an expeditionary environment.

PERFORMANCE STEPS:

1. Review current internal and external units' procedures and policies.
2. Analyze doctrine, higher headquarters' SOPs, best practices and lessons learned.
3. Identify activities requiring standardization, for incorporation into the unit SOPs.
4. Assist in the incorporation of best practices and lessons learned into the unit SOPs.
5. Assist in the development of unit procedures which integrate all functional areas of tactical logistics with the other warfighting functions based upon doctrine, selected best practices, and lessons learned.
6. Draft unit SOPs.

7. Validate unit SOPs.
8. Refine unit SOPs.
9. Update unit SOPs as required.
10. Exchange best practices, lessons observed, and lessons learned with appropriate organizations (e.g., MCLOG, MCCLL, JIEDDO, etc.).

REFERENCES:

1. FM 5-0.1 The Operations Process
2. MCDP 1-0 Marine Corps Operations
3. MCDP 1-3 Tactics
4. MCO 1553.3_ (Unit Training Management (UTM) Program)
5. MCO 3504.1_ Marine Corps Lessons Learned Program (MCLLP) and the Marine Corps Center for Lessons Learned (MCCLL)
6. MCWP 3-40.1 MAGTF Command and Control
7. MCWP 3-40.2 Information Management
8. MCWP 4-1 Logistics Operations
9. MCWP 4-11 Tactical Level Logistics
10. MCWP 5-1 Marine Corps Planning Process (MCP)
11. MSTP Pamphlet 6-9 Assessment

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: LEARNING OUTCOME: ELIs are proponents of procedural standardization and training to enable integration and interoperability with applicable organizations. ELIs are able to develop unit operations, and training and readiness (T&R) SOPs aligned with higher headquarters SOPs and applicable orders as an advocate of best practices and lessons learned.

LOG-ELI-2515: Assess the execution of training and operations

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451, 0491, 1371, 2181, 3043, 3537

BILLETS: Operations Chief

GRADES: GySgt, MSgt, MGySgt

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given all elements of a ground logistics unit within a MAGTF, in a JIIM construct across the ROMO in an expeditionary environment, information systems, available resources, higher headquarters' operational or training plan, commander's guidance, and references.

STANDARD: Implementing adjustments to the plan and ensuring mission accomplishment.

PERFORMANCE STEPS:

1. Assist in determining which essential elements of a plan to assess.

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2. Assist in determining desired outcome for the selected essential elements of the plan.
3. Assist in the development of assessment framework.
4. Nest assessment with higher, adjacent, subordinate, and supported units.
5. Develop criteria to assess changes in system behavior, capability, or operational environment to measure mission accomplishment. (measure of effectiveness)
6. Develop criteria to measure task accomplishment. (measure of performance)
7. Develop metrics for criteria.
8. Manage the collection of metric data and observations.
9. Analyze metric data and observations.
10. Synthesize metric data and observations.
11. Assist in measuring performance of assigned tasks ISO assigned mission.
12. Assist in measuring the unit's effectiveness towards accomplishing the mission.
13. Determine if plan is valid.
14. Adjust actions as necessary.
15. Manage the incorporation of lessons observed into the Tactical Lessons Integration Program (TLIP).

REFERENCES:

1. FM 5-0.1 The Operations Process
2. JP 2-01.3 Joint Intelligence Preparation of the Operational Environment
3. MCDP 1-0 Marine Corps Operations
4. MCO 1553.3_ Unit Training Management Program
5. MCO 3000.13_ Marine Corps Readiness Reporting Standing Operating Procedures
6. MCWP 3-40.2 Information Management
7. MCWP 5-1 Marine Corps Planning Process (MCP)
8. MSTP Pamphlet 6-9 Assessment

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Learning Outcome: ELIs are skilled in the art and science of developing assessment methodologies and assessing the execution of training and operational plans facilitating mission accomplishment through a thorough understanding of an assessment cycle.

LOG-ELI-2516: Enable deliberate logistics planning

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451, 0491, 1371, 2181, 3043, 3537

BILLETS: Operations Chief

GRADES: GySgt, MSgt, MGySgt

INITIAL TRAINING SETTING: FORMAL

CONDITION: As a key member of a planning staff, given an assigned mission or identified problem, all elements of a ground logistics unit within a MAGTF, operating in a JIIM construct across the ROMO in an expeditionary environment, the MCPP, information systems, necessary resources, higher headquarters' order, commander's guidance, and references.

STANDARD: Facilitating the development of a feasible, acceptable, suitable, and complete plan.

PERFORMANCE STEPS:

1. Analyze commander's orientation.
2. Assist in determining the OPT composition, roles and responsibilities.
3. Assist in the development of the IPB.
4. Ensure physical requirements, tools and resources are available for each step of the planning process.
5. Direct information management procedures throughout the planning process.
6. Provide operational expertise and leadership during the conduct of the planning process.
7. Frame the problem.
8. Assist in conducting physical network analysis.
9. Identify capabilities and limitations of the six functions of logistics within the ground logistics unit.
10. Analyze capabilities and limitations of the six warfighting functions and their applicability to the ground logistics unit.
11. Assist in determining essential elements of the mission and their desired outcomes in support of mission accomplishment.
12. Assist in developing the mission statement.
13. Assist in the development of the warning order.
14. Assist in the development of problem solution(s) (COA(s)).
15. Assist in identifying branches and sequels.
16. Assist in determining task organization and command and support relationships.
17. Assist in determining requirements for assigned battlespace.
18. Assist in refining the problem solution(s). (wargaming)
19. Assist in identifying branches and sequels during wargaming.
20. Recommend the best problem solution. (course of action comparison & decision)
21. Assist in updating the warning order.
21. Assist in refining the plan. (orders development)
22. Develop coordination mechanisms (orders development).
23. Develop methodology to assess the execution of the plan. (Orders Development and Assessment)
24. Crosswalk developed plans internally.
25. Reconcile developed plans with higher, adjacent, supporting, and supported organizations.
26. Assist in determining required preparations for transition to execution. (Orders Development and Transition)
27. Assist in the development of branches and sequels.

REFERENCES:

1. MCWP 5-1 Marine Corps Planning Process (MCPP)

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: LEARNING OUTCOME: ELIs are skilled in the art and science of employing the MCPPE and can confidently integrate their experience as integral members of an OPT, and provide instruction and guidance to the unit on the MCPPE.

LOG-ELI-2517: Integrate the functions of logistics with the warfighting functions

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451, 0491, 1371, 2181, 3043, 3537

BILLETS: Operations Chief

GRADES: GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given all elements of a ground logistics unit operating within a MAGTF, in a JIIM construct across the ROMO, information systems, necessary resources, higher headquarters' order, commander's guidance, and references.

STANDARD: Providing efficient and effective logistics support that enhances the capability of the supported unit.

PERFORMANCE STEPS:

1. Analyze higher headquarters operational processes (i.e., Planning, Decision, Execution, and Assessment (PDEA) Cycle).
2. Identify capabilities, limitations, and interrelationships of the six functions of logistics within the ground logistics unit.
3. Identify capabilities, limitations, and interrelationships of the six functions of logistics across friendly forces.
4. Identify the capabilities, limitations, and interrelationships of the warfighting functions within the ground logistics unit.
5. Identify the capabilities, limitations, and interrelationships of the warfighting functions across friendly forces.
6. Identify the cycle or required frequency of decisions to support the integration of logistics into the operational process.
7. Assist in the development of an operations process that supports integration based on the cycle or required frequency for decisions. (e.g., the desired plans-future operations-current operations cycle)
8. Identify appropriate means of processing information to make decisions in support of the operations process (e.g., informal briefs, formal briefs, working groups, boards, etc.).
9. Identify inputs into the identified decision making processes.
10. Identify activities that process the inputs of the decision making processes.
11. Transition outputs, as necessary, to support decision making (e.g., outputs of working groups may become inputs to a board).
12. Manage the battle rhythm based upon identified means of processing information to make decisions in support of the operations process.

13. Prioritize competing support requirements.
14. Identify enabling operations.
15. Identify emerging internal and external support requirements.
16. Exploit opportunities for efficiency.
17. Consolidate support requirements when possible.
18. Support higher headquarters', adjacent units', and supporting units' operations processes (e.g., liaison officers, subject matter experts, planners, etc.).
19. Enhance supported unit's organic logistics capabilities, as required.
20. Leverage logistics capabilities across friendly forces to support the supported unit.
21. Enhance the ground logistic unit's capabilities across the warfighting functions through the sourcing of external support, as required.
22. Provide guidance in determining the geographic location(s) and composition(s) of integrated logistics resources in support of operations.

REFERENCES:

1. JP 4-0 Joint Logistics
2. MCDP 1 Warfighting
3. MCDP 1-0 Marine Corps Operations
4. MCDP 2 Intelligence
5. MCDP 4 Logistics
6. MCDP 5 Planning
7. MCDP 6 Command and Control
8. MCWP 3-1 Ground Combat Operations
9. MCWP 3-40.1 MAGTF Command and Control
10. MCWP 4-11 Tactical-Level Logistics
11. MCWP 5-1 Marine Corps Planning Process
12. MSTP Pam 4-0.2 A Logistics Planners Guide

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: LEARNING OUTCOME: ELIs are skilled in the art and science of planning and executing integrated logistics operations through a thorough understanding of the capabilities, limitations, and interrelationships of the warfighting functions and the six functions of logistics across friendly forces to enhance the capabilities and capacities of the supported unit(s).

LOG-ELI-2518: Employ a tactical logistics operation center (TLOC)

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451, 0491, 1371, 2181, 3043, 3537

BILLETS: Operations Chief

GRADES: GySgt, MSgt, MGySgt

INITIAL TRAINING SETTING: FORMAL

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CONDITION: Given developed plans, all elements of a ground logistics unit within a MAGTF, in a JIIM construct across the ROMO in an expeditionary environment, information systems, necessary resources, higher headquarters' order, commander's guidance, CCIRs, and references.

STANDARD: Supporting the command and control of integrated logistics operations.

PERFORMANCE STEPS:

1. Manage the training of watch section personnel.
2. Manage the emplacement of the TLOC.
3. Manage layout, integration of systems and information exchange requirements throughout the command operations center to support integrated staff operations.
4. Manage the sustainment of a TLOC.
5. Organize command, control, communications, and computers, intelligence, surveillance and reconnaissance (C4ISR) assets in the TLOC.
6. Maintain communications with higher, adjacent, subordinate and supported units and organizations.
7. Implement the information management plan.
8. Maintain the common tactical picture (CTP).
9. Maintain total asset visibility.
10. Supervise the accuracy and timely submission of messages and reports.
11. Establish the Tactical TLOC battle rhythm.
12. Enforce the Tactical TLOC battle rhythm.
13. Direct watch section Battle Drills.
14. Control unit movements and actions within given authority.
15. Transition control of operations to the appropriate echelon.
16. Manage force protection posture within the TLOC (MOPP, air defense, ROE, and readiness conditions/alert status).
17. Manage the displacement of the TLOC as required.

REFERENCES:

1. C2 TECOE CSS/AGS COC SOP
2. FM 3-0 Operations
3. MCDP 1-3 Tactics
4. MCDP 3 Expeditionary Operations
5. MCWP 3-40.1 MAGTF Command and Control
6. MCWP 3-40.2 Information Management
7. MCWP 4-11 Tactical Logistics
8. MCWP 5-1 Marine Corps Planning Process (MCP)

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: LEARNING OUTCOME: ELIs are skilled in the art and science of the employment of a TLOC. This includes the organization, training, emplacement, employment, and displacement of the TLOC while enabling command and control of the unit to facilitate uninterrupted tactical logistics support.

1. The reference to a TLOC within this task includes main, forward and rear echelons.

2. The CTP is an accurate and complete display of relevant tactical information integrated from all available sources.

LOG-ELI-2519: Coordinate unit Force Deployment Planning and Execution (FDP&E)

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451, 0491, 1371, 2181, 3043, 3537

BILLETS: Operations Chief

GRADES: GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a requirement to deploy in support of expeditionary operations to conduct missions across the ROMO in an expeditionary environment, operational plans, all elements of a ground logistics unit within a MAGTF, in a JIIM construct, information systems, necessary resources, higher headquarters' order, commander's guidance, and references.

STANDARD: Ensuring that units arrive mission-capable in area(s) of operations.

PERFORMANCE STEPS:

1. Analyze the operations order, commander's guidance, and higher headquarters correspondence.
2. Ensure key personnel are trained and qualified to accomplish critical unit deployment-related tasks.
3. Coordinate the development of force deployment data.
4. Manage local and inter-theater movement planning.
5. Determine organic and non-organic lift requirements.
6. Coordinate with movement control organizations.
7. Coordinate with terminal operations organizations to determine requirements.
8. Manage the timely and accurate submission of transportation requirements to higher headquarters.
9. Formulate the movement plan.
10. Coordinate FDP&E.
11. Develop initial time phased force deployment data (TPFDD) products.
12. Assist in the development of the movement schedule and coordinating instructions for the unit.
13. Coordinate en route support, reception, staging, onward movement, and integration (RSO&I).
14. Coordinate the preparation of equipment and cargo for embarkation.
15. Coordinate the certification of equipment and cargo for embarkation.
16. Manage unit marshalling and movement operations.

REFERENCES:

1. CJCSM 3122.02_ Joint Operations Planning and Execution System (JOPES) Volume III
2. JP 3-02 Joint Amphibious Operations
3. JP 3-02.1 Amphibious Embarkation and Debarkation
4. JP 3-35 Joint Deployment and Redeployment Operations
5. JP 4-01.8 JTTP for Joint Reception, Staging, Onward Movement, and Integration (RSO&I)
6. MCO 3000.18_ Force Deployment Planning and Execution
7. MCRP 4-11.3G Unit Embarkation Handbook
8. MCWP 3-31.5 Ship to Shore Movement
9. MCWP 4-11 Tactical Level Logistics
10. MCWP 4-11.3 Transportation Operations
11. MCWP 4-11.7 Logistics Operations
12. MCWP 3-40.1 MAGTF Command and Control
13. MCWP 5-1 Marine Corps Planning Process (MCP)
14. MSTP 5-0.3 MAGTF Planner's Reference Manual
15. MSTP PAM 4-0.2 Logistics Planner's Guide

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: LEARNING OUTCOME: ELIs are able to facilitate the FDP&E process through a thorough understanding of mobility considerations applicable to unit deployments.

1. This event will cover operational deployments or deployments for training.

2. The term "coordinate" in the above performance steps refers to tasks which the operations officer is responsible for overseeing; these tasks are performed by internal or higher headquarters staff sections.

LOG-ELI-2520: Support MAGTF expeditionary operations

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 24 months

MOS PERFORMING: 0451, 0491, 1371, 2181, 3043, 3537

BILLETS: Operations Chief

GRADES: GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given all elements of a ground logistics unit within a MAGTF, in a JIIM construct across the ROMO in an expeditionary environment, information systems, necessary resources, higher headquarters' order, commander's guidance, and references.

STANDARD: Projecting power in the accomplishment of national military strategy (national interest).

PERFORMANCE STEPS:

1. Develop a ground logistics expeditionary force-in-readiness capable of deploying and sustaining expeditionary forces.
2. Develop a ground logistics unit capable of supporting an air contingency force, as required.
3. Develop the capability to serve as the ground logistics unit for a maritime prepositioning force operation, as required.
4. Develop the capability to serve as the ground logistics unit in support of an air assault, as required.
5. Develop the capability to serve as the ground logistics unit for an amphibious operation, as required.
6. Identify requirements for supporting the Force Deployment Planning and Execution of various scalable expeditionary forces.
7. Support the Force Deployment Planning and Execution of a scalable expeditionary force.
8. Develop plans to sustain an expeditionary force.
9. Task-organize forces to deploy in support of expeditionary operations.
10. Establish relationships with external organizations providing strategic and operational mobility and sustainment to the expeditionary force.
11. Support the deployment of an expeditionary force.
12. Establish forward operating locations from which to sustain expeditionary operations.
13. Sustain expeditionary operations.
14. Prepare for the arrival and assembly of follow-on forces, as required.
15. Support the expansion of the expeditionary force while sustaining operations, as required.
16. Support the reduction of the expeditionary force while sustaining operations, as required.
17. Support the redeployment of the expeditionary force while sustaining operations, as required.
18. Support the reconstitution of the expeditionary force while sustaining operations, as required.

REFERENCES:

1. JP 3-02 Joint Doctrine for Amphibious Operations
2. MCDP 1 Warfighting
3. MCDP 3 Expeditionary Operations
4. MCWP 3-40.1 MAGTF Command and Control
5. MCWP 3-40.2 Information Management
6. MCWP 4-1 Logistics Operations
7. MCWP 4-11 Tactical Logistics
8. MCWP 5-1 Marine Corps Planning Process (MCPPE)

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: LEARNING OUTCOME: ELIs are skilled in the art and science of developing ground logistics units capable of deploying and sustaining interoperable expeditionary combined arms forces across the ROMO in support of national military strategy.

Expeditionary combined arms forces may include other Services.

LOG-ELI-2521: Support amphibious operations

EVALUATION CODED: NO

SUSTAINMENT INTERVAL: 24 months

MOS PERFORMING: 0451, 0491, 1371, 2181, 3043, 3537

BILLET: Operations Chief

GRADE: GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given all elements of a ground logistics unit within a MAGTF, in a JIIM construct across the ROMO in an expeditionary environment, information systems, necessary resources, higher headquarters' order, commander's guidance, and references.

STANDARD: Accomplishing the mission in accordance with the landing plan, commander's intent, and concept of operations.

PERFORMANCE STEPS:

1. Analyze the operations order, commander's guidance, and higher headquarters correspondence.
2. Validate the Ship's Loading Characteristics Pamphlet (SLCP) and troop regulations against unit requirements.
3. Assist in the external planning effort for amphibious operations.
4. Assist in the unit's planning for amphibious operations.
5. Identify the unit's task organization and command and support relationship requirements.
6. Assist in organization for embarkation and assignment to shipping planning.
7. Validate embarkation personnel and equipment requirements.
8. Identify critical logistics planning considerations involved with loading, operating from and offloading from amphibious ships.
9. Validate the Naval Logistics Integration (NLI) plan.
10. Assist in the physical network analysis of the beaches, helicopter landing zones (HLZs) and infrastructure in the amphibious area of operations.
11. Identify supporting and special attachments for the shore party group and helicopter support teams (HSTs).
12. Formulate the unit's requirements for ship-to-shore movement.
13. Assist in the development of the landing plan.
14. Assist in landing force sustainment planning.
15. Implement integration of the unit's communications plan with higher, adjacent, subordinate, and supported units' plans.
16. Assist in development of the prepositioned emergency supplies plan.
17. Assist in development of the landing force support party plan.
18. Assist in development of the beach support area (BSA) plan.
19. Assist in the development of higher headquarters' annexes to the operations order.
20. Assist in the development of higher headquarters appendices and tabs to the operations order.
21. Manage the development of required planning documents.
22. Validate embarkation plans.

23. Manage the organization and operations of the LCE alternate TACLOG (formally known as the afloat combat service support operations center (CSSOC)).
24. Coordinate actions with the MAGTF TACLOG.
25. Troubleshoot the execution of the landing plan.
26. Manage the ship-to-shore sustainment plan.
27. Monitor requests for logistical support to the MAGTF TACLOG during ship-to-shore movement.
28. Track requests for logistical support and the build-up of supplies ashore as the landing progresses.

REFERENCES:

1. CJCSM 3122.02_ Joint Operations Planning and Execution System (JOPES) Volume III
2. JP 3-02.1 Amphibious Embarkation and Debarkation
3. JP 3-02.2 Joint Doctrine for Amphibious Embarkation
4. JP 3-35 Joint Deployment and Redeployment Operations
5. JP 4-01.8 JTTP for Joint Reception, Staging, Onward Movement, and Integration
6. MCO 3000.18_ Force Deployment Planning and Execution
7. MCRP 4-11.3G Unit Embarkation Reference Manual
8. MCWP 3-31.5 Ship to Shore Movement
9. MCWP 3-40.1 MAGTF Command and Control
10. MCWP 4-11 Tactical Level Logistics
11. MCWP 4-11.3 Transportation Operations
12. MCWP 5-01 Marine Corps Planning Process
13. MSTP 5-0.3 MAGTF Planner's Handbook
14. MSTP PAM 4-0.2 Logistics Planner's Guide

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Learning Outcome: ELIs are able to plan and execute tactical logistics in support of MAGTF amphibious operations through a detailed understanding of their roles and responsibilities with regards to: landing plan development, landing force sustainment, ship to shore movement, and other supporting units (e.g., beach master unit (BMU)).

In this task the ELI supports the MAGTF's planning and operational order development; the MAGTF's higher headquarters' operational order will be provided.

LOG-ELI-2522: Support maritime prepositioning force (MPF) operations

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 24 months

MOS PERFORMING: 0451, 0491, 1371, 2181, 3043, 3537

BILLETS: Operations Chief

GRADES: GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given all elements of a ground logistics unit within a MAGTF, in a JIIM construct across the ROMO in an expeditionary environment, information systems, necessary resources, higher headquarters' order, commander's guidance, and references.

STANDARD: Accomplishing the mission in accordance with the arrival and assembly plan, the operations order and commander's intent.

PERFORMANCE STEPS:

1. Analyze higher headquarters operations order.
2. Perform physical network analysis.
3. Assist in the external planning effort for the logistical support of the MPF operation.
4. Manage the unit's planning for MPF operations.
5. Assist in tailoring the unit's task organization to meet command and support relationship requirements.
6. Assist in the development of the arrival and assembly plan.
7. Assist in MAGTF sustainment planning.
8. Determine requirements for the survey liaison reconnaissance party (SLRP).
9. Determine requirements for the offload preparation party (OPP).
10. Determine requirements for the debarkation teams.
11. Determine requirements for the arrival and assembly operations group (AAOG).
12. Determine requirements for the landing force support party (LFSP).
13. Assist in the development of the transportation and throughput plan.
14. Manage the development of logistics-related diagrams and planning documents as directed.
15. Implement the unit's communications plan with higher, adjacent, subordinate and supported units' plans.
16. Manage the operations of the container operations terminal as directed.
17. Monitor CSS requests to the LFSP during MPF offload.
18. Fulfill sustainment requirements.
19. Manage fly-in echelon and strategic movement support requirements.
20. Manage unit assembly, equipment reception, and onward movement support requirements as directed.
21. Manage the timely and accurate submission of required reports to MPF command and control agencies as directed.
22. Manage accountability of MPF assets as directed.
23. Manage internal and external maintenance support requirements.
24. Assist in regeneration planning as directed.
25. Support higher headquarters' redeployment operations.
26. Assist in planning unit redeployment.
27. Coordinate wash-down and agricultural inspection requirements with higher headquarters as directed.
28. Supervise wash-down, agricultural inspection, and final staging of supplies and equipment for backload aboard MPF shipping.

REFERENCES:

1. JP 3-02 Amphibious Operations
2. JP 3-02.1 Amphibious Embarkation and Debarkation
3. JP 4-01.6 Joint Logistics Over-the-Shore

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4. MCO P3000.17_ Maritime Prepositioning Force (MPF) Planning and Policy Manual
5. MCRP 4-11.3G Unit Embarkation Handbook
6. MCWP 3-31.5 Ship to Shore Movement
7. MCWP 3-32 Prepositioning Force (MPF) Operations
8. MCWP 3-40.1 MAGTF Command and Control
9. MCWP 4-1 Logistics Operations
10. MCWP 4-11 Tactical Level Logistics
11. MCWP 4.11.3 Transportation Operations
12. MCWP 5-1 Marine Corps Planning Process
13. MSTP 5-0.3 MAGTF Planner's Reference Manual
14. NWP 22-10 MPF Operations
15. OH 1-5-1 Tri-MEF Maritime Prepositioning Force Standing Operating Procedures

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Learning Outcome: ELIs are able to plan and execute logistics support of MPF operations through a detailed understanding of their units' roles and responsibilities throughout each phase of MPF operations.

LOG T&R MANUAL

APPENDIX A

ACRONYMS AND ABBREVIATIONS

A/DACG	Arrival/Departure Airfield Control Group
AA&E	Arms, Ammunitions, and Explosives
AALPS	Automated Air Load Planning System
AD	Air Defense
ADC	Area Damage Control
ADMN	Administrative
AIS	Automated Information System(s)
AIT	Automated Information Technology
ALE	Air Liaison Element
AO	Area of Operations
APOE	Aerial Port of Embarkation
ASR	Air Support Request
ATO	Anti-Terrorism Officer
BFT	Blue Force Tracker
BII	Basic Issue Items
BMU	Beach Master Unit
BSA	Beach Support Area; Brigade Support Area
C2	Command and Control
C4I	Command, Control, Communications, Computers, and Intelligence
CAMP	Calibration and Maintenance Program
CCA	Combat Cargo Assistant
CCIR	Commander's Critical Information Requirement
CCO	Combat Cargo Officer
CDS	Container Delivery System
CGIP	Commanding General's Inspection Program
CLB	Combat Logistics Battalion
CLR	Combat Logistics Regiment
CLS	Contractor Logistics Support
CMR	Consolidated Memorandum Receipt
COA	Course of Action
COC	Combat Operations Center
COMM	Communications
CONOPS	Concept of Operations
COP	Common Operating/Operational Picture
COP	Current Operations
COT	Container Operations Terminal
CPAC	Corrosion Prevention and Control Program
CPI	Continuous Process Improvement
CR	Change Request
CSS	Combat Service Support
CSSA	Combat Service Support Area
CTG	Commander's Training Guidance
CTP	Common Tactical Picture
CYPRES	Cybernetic Parachute Release System
DCP	Distribution Control Point
DLMP	Depot Level Maintenance Program

DMO	. . .	Distribution Management Office, Distribution Management Operations
DS	. . . . .	Direct Support
DZSO	. . . . .	Drop Zone Safety Officer
EDL	. . . . .	Equipment Density List
EFTC	. . . . .	Extraction Force Transfer Coupling
ELI	. . . . .	Expeditionary Logistics Instructor
ELMP	. . . . .	Enterprise Lifecycle Maintenance Planning
ENG	. . . . .	Engineer
EPMR	. . . . .	Embarked Personnel and Materials Report
EPW	. . . . .	Enemy Prisoner of War
EXCU	. . . . .	Execution
FARP	. . . . .	Forward Arming and Refueling Point
FCSSA	. . . . .	Forward Combat Service Support Area
FDP&E	. . . . .	Force Deployment Planning and Execution
FIE	. . . . .	Fly-In Echelon
FP	. . . . .	Force Protection
GEN	. . . . .	General
GS	. . . . .	General Support
HADR	. . . . .	Humanitarian Assistance and Disaster Relief
HAHO	. . . . .	High Altitude High Opening
HALO	. . . . .	High Altitude Low Opening
HAS	. . . . .	Higher, Adjacent, and Supporting
HASS	. . . . .	Higher, Adjacent, Supporting, and Supported [units]
HAZDIP	. . . . .	Hazardous Material Diplomatic Clearance
HG	. . . . .	High Glide
HHQ	. . . . .	Higher Headquarters
HLZ	. . . . .	Helicopter Landing Zone
HN	. . . . .	Host Nation
HNS	. . . . .	Host Nation Support
HRST	. . . . .	Helicopter Rope Suspension Techniques
HSS	. . . . .	Health Service Support
HST	. . . . .	Helicopter Support Team
IDL	. . . . .	Internal Distribution Listing
IDP	. . . . .	Internally Displaced Person
IED	. . . . .	Improvised Explosive Device
IGC	Integrated Development Environment/Global Transportation Network Coverage	
IO	. . . . .	Information Operations
ITV	. . . . .	In-Transit Visibility
JAI	. . . . .	Joint Airdrop Inspection
JIEDDO	. . . . .	Joint Improvised Explosive Device Defeat Organization
JIIM	. . . . .	Joint, Interagency, Intergovernmental, Multi-National
JOPES	. . . . .	Joint Operation Planning and Execution System
JPADS	. . . . .	Joint Precision Airdrop System
LCAC	. . . . .	Landing Craft Air Cushioned
LCE	. . . . .	Logistics Combat Element
LF	. . . . .	Landing Force
LFORM	. . . . .	Landing Force Operational Reserve Materiel
LFSP	. . . . .	Landing Force Support Party
LNO	. . . . .	Liaison Officer
LOG	. . . . .	Logistics
LOI	. . . . .	Letter of Instruction
LS	. . . . .	Landing Support
LSA	. . . . .	Logistics Support Area
LZSA	. . . . .	Landing Zone Support Area

MACP	Mortuary Affairs Collection Point
MADCP	Mortuary Affairs Decontamination Collection Point
MAIN	Maintenance
MAGTF	Marine Air-Ground Task Force
MAIS	Maintenance Automated Information Systems
MARES	Marine Corps Automated Readiness Evaluation System
MARTS	Mortuary Affairs Remains Tracking System
MCAP	Marine Corps Administrative Procedures
MCC	Movement Control Center
MCCLL	Marine Corps Center for Lessons Learned
MCCSS	Marine Corps Combat Service Support School
MCLOG	Marine Corps Logistics Operations Group
MCLLP	Marine Corps Lessons Learned Program
MCPP	Marine Corps Planning Process
MCT	Marine Corps Task
MET	Mission-Essential Task
METL	Mission-Essential Task List
MFF	Military Free Fall
MHE	Materials Handling Equipment
MIMMS	Marine Corps Integrated Maintenance Management System
MISC	Miscellaneous Procedures
MLG	Marine Logistics Group
MLSR	Missing, Lost, Stolen, or Recovered
MMSOP	Maintenance Management Standing Operating Procedures
MNT	Maintenance
MOE	Measure of Effectiveness
MOP	Measure of Performance
MOPP	Mission Oriented Protective Posture
MPF	Maritime Prepositioning Forces
MRP	Materiel Returns Program
MSL	Military Shipping Label
MTTB	Military Tandem Tethered Bundle
MTVS	Military Tandem Vector System
NLI	Navy Logistics Integration
O&M	Operations & Maintenance
OE&AS	Organization for Embarkation and Assignment to Shipping
OIC	Officer in Charge
OPLAN	Operational Plan
OPORD	Landing Support
OPS	Operations Order
OPT	Operational Planning Team
ORM	Operational Risk Management
ORM	Operational Risk Management
OSH	Occupational Safety and Health
OVE	On Vehicle Equipment
PBL	Performance Based Logistics
PDEA	Planning, Decision, Execution, and Assessment [cycle]
PEB	Pre-Expended Bins
PECL	Performance Evaluation Checklist
PEI	Principle End Item
PHAOS	Parachutist High-Altitude Oxygen Systems
PIR	Priority Intelligence Requirement
PKI/CAC	Public Key Infrastructure/Common Access Card
PLAN	Planning

PLMS	Publications Library Management System
PMCS	Preventive Maintenance Checks & Services
PME	Professional Military Education
PNA	Physical Network Analysis
POD	Port of Debarkation
POE	Port of Embarkation
POP	Performance Oriented Packaging
PPE	Personal Protective Equipment
PQDR	Product Quality Deficiency Report
PRP	Personnel Retrieval and Processing
PSO	Parachute Safety Officer
RFID	Radio Frequency Identification
ROE	Rules of Engagement
ROMO	Range of Military Operations
RRP	Repair and Replenishment Point
RSO	Range Safety Officer
RSO&I	Reception Staging Onward Movement and Integration
SAAM	Special Assignment Airlift Mission
SASSY	Supported Activities Supply System
SHIPALTS	Ship Alterations
SLCP	Ship Loading Characteristics Pamphlet
SLE	Surface Liaison Element
SLRP	Survey Liaison Reconnaissance Party
SME	Subject Matter Expert
SMR	Systems Modification Request
SOP	Standing/Standard Operating Procedures
SORTS	Status of Resources and Training System
STS	Ship-To-Shore
SUP	Supply
SVC	Services
T/E	Table of Equipment
T/O	Table of Organization
TACLOG	Tactical Logistics
TCN	Transportation Control Number
TEEP	Training Exercise Employment Plan
TFSMS	Total Force Structure Management System
TFSP	Total Force Structure Process
TLCSM	Total Lifecycle Systems Management
TLOC	Tactical Logistics Operations Center
TMDE	Test, Measurement, and Diagnostic Equipment
TMEP	Theater Mortuary Evacuation Point
TO&E	Table of Organization and Equipment
TO/E	Table of Organization and Equipment
TOO	Terminal Operations Organization
TORDS	Tandem Offset Resupply Delivery System
TORDS-E	Tandem Offset Resupply Delivery System Equipment
TORDS-P	Tandem Offset Resupply Delivery System-Personnel
TPFDD	Time Phase Force Deployment Data
TRAN	Transportation
TRI	Technical Rigger Inspection
TRRP	Trend Reversal and Reinforcement Process
ULN	Unit Line Number
UMA	Unit Marshalling Area
UMCC	Unit Movement Coordination Center

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UMMIPS Uniformed Materiel Management Issue and Priority System
 URP Unit Readiness Planning
 UTM Unit Training Management
 WIR Recoverable Item Program
 WO Warning Order
 WRM War Reserve Materiel

LOG T&R MANUAL

APPENDIX B

TERMS AND DEFINITIONS

Terms in this glossary are subject to change as applicable orders and directives are revised. Terms established by Marine Corps orders or directives take precedence after definitions found in Joint Pub 1-02, DOD Dictionary of Military and Associated Terms.

A

Assessment - An informal judgment of the unit's proficiency and resources made by a commander or trainer to gain insight into the unit's overall condition. It serves as the basis for the midrange plan. Commanders make frequent use of these determinations during the course of the combat readiness cycle in order to adjust, prioritize, or modify training events and plans.

C

Chaining. A process that enables unit leaders to effectively identify subordinate collective events and individual events that support a specific collective event. For example, collective training events at the 4000-level are directly supported by collective events at the 3000-level. Utilizing the building block approach to progressive training, these collective events are further supported by individual training events at the 1000 and 2000-levels. When a higher-level event by its nature requires the completion of lower level events, they are "chained"; Sustainment credit is given for all lower level events chained to a higher event.

Collective Event - A clearly defined, discrete, and measurable activity, action, or event (i.e., task) that requires organized team, or unit performance, and leads to accomplishment of a mission or function. A collective task is derived from unit missions or higher-level collective tasks. Task accomplishment requires performance of procedures composed of supporting collective or individual tasks. A collective task describes the exact performance a group must perform in the field under actual operational conditions. The term "collective" does not necessarily infer that a unit accomplishes the event. A unit, such as a squad or platoon conducting an attack may accomplish a collective event, or it may be executed by an individual to accomplish a unit mission; such as a battalion supply officer completing a reconciliation of the battalion's CMR. Thus, many collective events will have titles that are the same as individual events; however, the standard and condition will be different because the scope of the collective event is broader.

Collective Training Standards (CTS) - Criteria that specify mission and functional area unit proficiency standards for combat, combat support, and combat service support units. They include tasks, conditions, standards,

evaluator instruction, and key indicators. CTS are found within collective training events in T&R Manuals.

Combat Readiness Percentage (CRP) - The CRP is a quantitative numerical value used in calculating collective training readiness based on the E-Coded events that support the unit METL. CRP is a concise measure of unit training accomplishments. This numerical value is only a snapshot of training readiness at a specific time. As training is conducted, unit CRP will continuously change.

Component Events - Component events are the major tasks involved in accomplishing a collective event. Listing these tasks guide Marines toward the accomplishment of the event, and help evaluators determine if the task has been done to standard. These events may be lower-level collective or individual events that must be accomplished.

Condition - The condition describes the training situation or environment under which the training event or task will take place. Expands on the information in the title by identifying when, where, and why the event or task will occur, and what materials, personnel, equipment, environmental provisions, and safety constraints must be present to perform the event or task in a real-world environment. Commanders can modify the conditions of the event to best prepare their Marines to accomplish the assigned mission (e.g. in a desert environment; in a mountain environment; etc.).

Core Capabilities - Core capabilities are the essential functions a unit must be capable of performing during extended contingency/combat operations. Core unit capabilities are based upon mission essential tasks derived from operational plans, doctrine, and established tactics, techniques, and procedures.

Core Plus Skills - Core plus skills are those advanced skills that are environment, mission, rank, or billet specific. 2000-level training is designed to make Marines proficient in core skills in a specific billet, or at a specified rank at the Combat Ready level. 3000-8000-level training produces combat leaders, and fully qualified section members at the Combat Qualified level. Marines trained at the Combat Qualified level are those the commanding officer feels are capable of accomplishing unit-level missions, and of directing the actions of subordinates. Many core plus tasks are learned via MOJT, while others form the base for curriculum in career level MOS courses taught by the formal school.

Core Skills - Core skills are those essential basic skills that "make" a Marine, and qualify that Marine for an MOS. They are the 1000-level skills introduced in entry-level training at formal schools and refined in operational units.

D

Deception. Those measures designed to mislead the enemy by manipulation, distortion, or falsification of evidence to induce the enemy to react in a manner prejudicial to the enemy's interests. (JP 1-02)

Defense Readiness Reporting System (DRRS) - A comprehensive readiness reporting system that evaluates readiness on the basis of the actual missions and capabilities assigned to the forces. It is a capabilities-based, adaptive, near real-time reporting system for the entire Department of Defense.

E

E-Coded Event - An "E-Coded" event is a collective T&R event that is a noted indicator of capability, or a noted Collective skill that contributes to the unit's ability to perform the supported MET. As such, only "E-Coded" events are assigned a CRP value, and used to calculate a unit's CRP.

Evaluation - Evaluation is a continuous process that occurs at all echelons, during every phase of training, and can be both formal, and informal. Evaluations ensure that Marines and units are capable of conducting their combat mission. Evaluation results are used to reallocate resources, reprioritize the training plan, and plan for future training.

Event (Training) - An event is a significant training occurrence that is identified, expanded, and used as a building block, and potential milestone for a unit's training. An event may include formal evaluations. (2) An event within the T&R Program can be an individual training evolution, a collective training evolution, or both. Through T&R events, the unit commander ensures that individual Marines and the unit progress from a combat capable status to a Fully Combat Qualified (FCQ) status.

Event Component - The major procedures (i.e., actions) that must occur to perform a Collective Event to standard.

I

Individual Readiness - The individual training readiness of each Marine is measured by the number of individual events required and completed for the rank or billet currently held.

Individual Training - Training that applies to individual Marines. Examples include rifle qualifications and HMMWV driver licensing.

Individual Training Standards (ITS) - Specifies training tasks and standards for each MOS or specialty within the Marine Corps. In most cases, once an MOS or community develops a T&R, the ITS order will be cancelled. However, most communities will probably fold a large portion of their ITS into their new T&R manual.

M

Marine Corps Combat Readiness and Evaluation System (MCCRES). An evaluation system designed to provide commanders with a comprehensive set of mission performance standards from which training programs can be developed; and through which the efficiency and effectiveness of training can be evaluated. The Ground T&R Program will eventually replace MCCRES.

Marine Corps Ground Training and Readiness (T&R) Program - The T&R Program is the Marine Corps' primary tool for planning and conducting training, for planning and conducting training evaluation, and for assessing training readiness. The program will provide the commander with standardized programs of instruction for units within the ground combat, combat support, and combat service support communities. It consolidates the ITS, CTS, METL and other individual and unit training management tools. T&R is a program of standards that systematizes commonly accepted skills, is open to innovative change, and above all, tailors the training effort to the unit's mission. Further, T&R serves as a training guide and provides commanders an immediate assessment of unit combat readiness by assigning a CRP to key training events. In short, the T&R Program is a building block approach to training that maximizes flexibility and produces the best-trained Marines possible.

Mission Essential Task(s) MET(s) - A MET is a collective task in which an organization must be proficient in order to accomplish an appropriate portion of its wartime mission(s). MET listings are the foundation for the T&R manual; all events in the T&R Manual support a MET.

Mission Essential Task List (METL) - Descriptive training document that provides units a clear, war fighting focused description of collective actions necessary to achieve wartime mission proficiency. The service-level METL, that which is used as the foundation of the T&R Manual, is developed using Marine Corps doctrine, Operational Plans, T/Os, UJTL, UNTL, and MCTL. For community based T&R Manuals, an occupational field METL is developed to focus the community's collective training standards. Commanders develop their unit METL from the service-level METL, operational plans, contingency plans, and SOPs.

O

Operational Readiness (OR). (DoD or NATO) OR is the capability of a unit/formation, ship, weapon system, or equipment to perform the missions or functions for which it is organized or designed. May be used in a general sense or to express a level or degree of readiness.

P

Performance step - Performance steps are included in the components of an Individual T&R Event. They are the major procedures (i.e., actions) a unit Marine must accomplish to perform an individual event to standard. They describe the procedure the task performer must take to perform the task under operational conditions and provide sufficient information for a task performer to perform the procedure. (May necessitate identification of supporting steps, procedures, or actions in outline form.) Performance steps follow a logical progression and should be followed sequentially, unless otherwise stated. Normally, performance steps are listed only for 1000-level individual events (those that are taught in the entry-level MOS school). Listing performance steps is optional if the steps are already specified in a published reference.

Prerequisite Event - Prerequisites are the academic training and/or T&R events that must be completed prior to attempting the event.

R

Readiness (DoD) - Readiness is the ability of US military forces to fight and meet the demands of the national military strategy. Readiness is the synthesis of two distinct but interrelated levels: (a) Unit readiness--The ability to provide capabilities required by combatant commanders to execute assigned missions. This is derived from the ability of each unit to deliver the outputs for which it was designed. (b) Joint readiness--The combatant commander's ability to integrate and synchronize ready combat and support forces to execute assigned missions.

S

Section Skill Tasks. Section skills are those competencies directly related to unit functioning. They are group rather than individual in nature, and require participation by a section (S-1, S-2, S-3, etc).

Simulation Training - Simulators provide the additional capability to develop and hone core and core plus skills. Accordingly, the development of simulator training events for appropriate T&R syllabi can help maintain valuable combat resources while reducing training time and cost. Therefore, in cases where simulator fidelity and capabilities are such that simulator training closely matches that of actual training events, T&R Manual developers may include the option of using simulators to accomplish the training. CRP credit will be earned for E-coded simulator events based on assessment of relative training event performance.

Standard - A standard is a statement that establishes criteria for how well a task or learning objective must be performed. The standard specifies how well, completely, or accurately a process must be performed or product produced. For higher-level collective events, it describes why the event is being done and the desired end-state of the event. Standards become more specific for lower-level events and outline the accuracy, time limits, sequencing, quality, product, process, restrictions, etc., that indicate the minimum acceptable level of performance required of the event. At a minimum, both collective and individual training standards consist of a task, the condition under which the task is to be performed, and the evaluation criteria that will be used to verify that the task has been performed to a satisfactory level.

Sustainment Training - Periodic retraining or demonstration of an event required maintaining the minimum acceptable level of proficiency or capability required to accomplish a training objective. Sustainment training goes beyond the entry-level and is designed to maintain or further develop proficiency in a given set of skills.

Systems Approach to Training (SAT) - An orderly process for analyzing, designing, developing, implementing, and evaluating a unit's training program to ensure the unit, and the Marines of that unit acquire the knowledge and skills essential for the successful conduct of the unit's wartime missions.

T

Training Task - This describes a direct training activity that pertains to an individual Marine. A task is composed of 3 major components: a description of what is to be done, a condition, and a standard.

Training Plan - Training document that outlines the general plan for the conduct of individual and collective training in an organization for specified period of time.

U

Unit CRP - Unit CRP is a percentage of the E-Coded collective events that support the unit METL accomplished by the unit. Unit CRP is the average of all MET CRP.

Unit Training Management (UTM) - Unit training management is the use of the SAT and Marine Corps training principles in a manner that maximizes training results and focuses the training priorities of the unit on its wartime mission. UTM governs the major peacetime training activity of the Marine Corps and applies to all echelons of the Total Force.

W

Waived Event. An event that is waived by a commanding officer when in his or her judgment, previous experience or related performance satisfies the requirement of a particular event.